



Pittsburg State University

Faculty Senate Meeting

Date: Monday, December 12, 2016
Time: 3:00 p.m.
Location: Sunflower Room, Overman Student Center

AGENDA

- I. Call to order**
- II. Approval of November 28, 2016 minutes**
- III. Announcements**
 - A. Provost and Vice President of Academic Affairs-Dr. Lynette Olson**
 - B. PSU/KNEA Remarks- Khamis Siam**
 - C. Student Senate Remarks-Nathan Diddle**
 - D. Unclassified Senate Remarks- Jessica Stice**
 - E. University Support Staff Remarks- Michael Woodrum**
 - F. Faculty Senate Report- Janice Jewett**
- IV. Committee Reports**

(Reports from committees will begin with Undergraduate Curriculum committee followed by Academic Affairs)

 - A. Academic Affairs Committee—Chair: Jorge Leon**
 - Undergraduate Curriculum Subcommittee—**Chair: James McBain, Amy Hite**
 - Library Services/Learning Resources Subcommittee—**Chair: Julie Samuels**
 - Information Systems Subcommittee—**Chair: Maeve Cummings**

- Continuing Studies Subcommittee— **Chair: Jeanea Lambeth**
- Departmental Academic Honors Subcommittee—**Chair: Michelle Hudiburg**
- Honors College Subcommittee—**Chair: Susan Schreiner**
- Writing Across the Curriculum Subcommittee—**Chair: Laura Covert**
- Diversity and Multicultural Affairs Subcommittee—**Chair: Ananda Jayawardhana**

B. Student Faculty Committee—Chair: Barb McClaskey

C. All University Committee—Chair: James McBain

D. Faculty Affairs Committee—Chair: Susan Schreiner

E. Constitution Committee—Chair: Mark Johnson

F. General Education Committee—Chair: Mark Johnson

G. Budget Committee—Chair: Kristen Maceli

All University Committees or Other Appointments

- **Academic Honesty Committee—Chair: Amy Hite**

V. New Business:

VI. Open Forum:

VII. Adjournment

Next Faculty Senate Meeting: January 30th, 2017

University Undergraduate Curriculum Committee Meeting
Meeting Minutes - November 30, 2016

Committee Members Present: Jim McBain (Chair), Amy Hite (ex-officio), Doug Younger (Recorder), Eric Harris, Chris Spera

Committee Members Not Present: none

Attendees: Kevin Bracker, Pete Rosen

Items for Consideration - Each item was reviewed individually and a motion made then seconded. All items approved as presented with any noted suggestions/recommendations*. **Each motion carried 4-0.**

Request for New Course: Motion, Second, Carried

- CHEM 475 – Introduction to Biochemistry – (* approved with copy changes for spelling errors)
- ECON 433 – Sports Economics - (* approved but recommended emailing HHP department to avoid potential conflict))
- ECON 437 – Economics of Sustainability
- FIN 208 – Introduction to Risk Management and Insurance
- FIN 210 – Financial Planning

Request for Revisions to a Course: Motion, Second, Carried

- HHP 347 – Elementary Games and Rhythms for K-6
- GIT 570 – Flexible Packaging
- GIT 571 – Rigid Packaging
- GIT 572 – Paperboard Packaging
- GIT 670 – Packaging Materials and Processes
- EET 144 – D.C. Circuit Analysis
- EET 299 – Electronics Core Exam
- EET 340 – Introduction to Industrial Automation
- EET 341 – Signals and Systems
- EET 344 – Microcomputer Systems
- EET 349 – Linear Integrated Circuits
- EET 448 – Network Systems
- EET 540 – Electronic Design Proposal
- EET 546 – Electronic Controls
- EET 549 – Applied Microcontrollers
- EET 647 – Digital Signal Processing
- ECON 191 – Issues in Today's Economy - (*requires General Education Committee Approval)
- ECON 200 – Introduction to Microeconomics - (*requires General Education Committee Approval)
- ECON 201 – Introduction to Macroeconomics - (*requires General Education Committee Approval)
- ECON 330 – Money and Banking
- ECON 418 – Intermediate Microeconomics
- ECON 419 – Intermediate Macroeconomics
- ECON 468 – Labor Economics
- ECON 485 – Industrial Organization
- ECON 640 – International Trade
- ECON 665 – Seminar in Applied Economics
- FIN 326 – Business Finance
- FIN 621 – Investments
- FIN 623 – Financial Institutions and Markets
- FIN 624 – Investments II
- FIN 625 – International Finance
- FIN 627 – Advanced Business Finance

- FIN 631 – Seminar in Financial Management
- ACCTG 202 – Managerial Accounting
- ACCTG 315 – Intermediate Managerial Accounting
- ACCTG 318 – Intermediate Financial Accounting I
- ACCTG 411 – Tax Accounting
- ACCTG 420 – Information Technology and Accounting Systems
- ACCTG 610 – External Auditing and Assurance Services
- ACCTG 611 – Advanced Taxation
- ACCTG 620 – Advanced Financial Accounting
- ACCTG 625 – Fraud Examination
- CIS 130 – Computer Information Systems - (*requires General Education Committee Approval)
- CIS 230 – Visual Basic Programming
- CIS 240 – C++ Programming
- CIS 345 – Object Oriented Programming Using Java
- CIS 350 – Introduction to System Administration
- CIS 380 – Application Systems Analysis and Design Methods
- CIS 470 – Computer Networking
- CIS 610 – Internship – (* approved but recommend prerequisite copy change from “Junior Standing + Consent of Instructor” to “Junior Standing and Consent of Instructor”)
- CIS 615 – Database Management
- CIS 640 – Software Engineering - (* approved but recommend prerequisite copy change from “CIS 345 Object Oriented Programming using JAVA + Junior Standing” to “CIS 345 Object Oriented Programming using JAVA and Junior Standing”)
- CIS 670 – Information Assurance and Computer Security I - (* approved but recommend prerequisite copy change from “CIS 470 Computer Networking + Junior Standing” to “CIS 470 Computer Networking and Junior Standing”)
- CIS 671 – Information Assurance and Computer Security II - (* approved but recommend prerequisite copy change from “CIS 670 Information Assurance and Computer Security I + Junior Standing” to “CIS 670 Information Assurance and Computer Security I and Junior Standing”)

Request for Deletion of a Course: Motion, Second, Carried

- GIT 532 – Packaging Graphics
- GIT 561 – Graphics Estimating
- ACCTG 305 – Construction Accounting
- ACCTG 416 – Business Taxation
- CIS 250 – Principles of Software Design
- CIS 410 – Machine Organization (Assembler)
- CIS 510 – Data Structures and Algorithms
- CIS 540 – Programming Languages
- CIS 645 – Internet Programming

Requests for New Minor/Emphasis/Certificate: Motion, Second, Carried

- Minor in GIT – Packaging Graphics - (* approved with copy changes, recommended emailing departments listed in form for informational purposes)
- Emphasis in ETECH – Biomedical

Request for Revision to Curriculum: Motion, Second, Carried

- Major in Mechanical Engineering Technology
- Major in Electrical Engineering Technology
- Major in Economics
- Minor in Economics

Approved items scheduled to be on the December 12, 2016 agenda of Faculty Senate.

Request for New Course

(Undergraduate Course Numbers through Course Number 699)

Department:

Chemistry College: Arts and Sciences

Submission Date: 9/16/2016

Contact Person: James McAfee

☒ Faculty member ☐ Chair

Is this new course proposal related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

The addition of this course will have a positive effect on students in other departments that are pursuing post-baccalaureate careers in medicine, dentistry, pharmaceutical science, or a host of other health care fields. The pre-professional health care fields, though not major-specific, often require specific classes that may be out of a student's major department. The class being legislated in this document will provide students with an essential requirement in a one semester format.

Proposed Course:

Course Number: 475

Title of Course: Introduction to Biochemistry

Credit Hours: 3

Date first offered: 2017

☐ Fall ☒ Spring ☐ Summer
(Semester/Year) (check all that apply)

Prerequisite: Chem 320 or Chem 325

Course Description (as it will appear in the next catalog): Introduction to cellular and biomolecular structure and function relationships, bioenergetics, enzyme kinetics, cellular metabolism, and recombinant DNA technology.

Purpose/Justification for Proposed Course: As indicated above, students with an intent to pursue any health care field may be required to take a one semester course in biochemistry. At virtually all institutions across the country this requirement is accomplished through the inclusion in the curriculum of a one semester biochemistry course that covers all of the major topics in biochemistry in much less depth than what is presented in a course that would be designed for a chemistry major with a biochemistry emphasis. Currently, we only have Biochemistry I and Biochemistry II courses that are designed exclusively for our chemistry majors with a biochemistry emphasis, and our chemistry majors with a pre-medicine emphasis. As a result, pre-health professionals in other disciplines that require a one semester course in biochemistry, are forced to take Biochemistry I, a class that exceeds the depth needed for their pre-health profession, as well as excluding major topics that their pre-health profession requires. This course will be designed specifically to address these deficiencies that currently exist in our curriculum.

Objectives/Student Learning Outcomes (as it will appear in the syllabus)

Objective 1. Students will learn basic prokaryotic and eukaryotic cell composition, the role of the aqueous environment in solubilization of cellular biomolecules as well as the driving force for maintaining cellular equilibria.

Learning outcome 1; Objective 1: Students will learn major metabolic distinctions in cells that represent the three domains of life. They will be able to identify and assign function roles to supra-molecular cellular structures as well as knowing the structure and function of cellular macromolecules.

Learning outcome 2; Objective 1: Students will learn how the physical and chemical properties of water make it an excellent solvent for cells.

Learning outcome 3; Objective 1: Students will be able to understand the roll of non-covalent interactions in maintaining biomolecular structure, as well as understanding how these interaction introduce dynamics into macromolecules.

Learning outcome 4; Objective 1: Students will understand how weak acidic and weak basic groups function in macromolecular structures as well as how they function as buffers.

Objective 2. Students will gain a general understanding of thermodynamics and kinetics as it pertains to metabolism

Learning outcome 1; Objective 2: Students will be able to understand the relationship of the Gibbs free energy and the spontaneity of a chemical reactions.

Learning outcome 2; Objective 2: Students will understand how enzymes increase the rates of cellular reactions.

Learning outcome 3; Objective 2: Students will be understand Michaelis -Menton kinetics and learn how to calculate kinetic parameters associated with this enzyme substrate catalytic model.

Objective 3. Students will learn catabolic and anabolic pathways linked to carbohydrate, lipid, amino acid, and nucleotide metabolism.

Learning outcome 1; Objective 3: Students will become knowlegeable of the major anabolic and catabolic pathways associated with carbohydrates, lipids, amino acids, and nucleotides .

Learning outcome 2; Objective 3: Students will acquire an understanding of how these metabolic pathways are regulated and how they are integrated within cells.

Objective 5. Student will receive a brief survey the of recombinant DNA methodologies in scientific advancement and discovery.

Learning outcome 1; Objective 5: Students will acquire a basic knowledge of the newest methods in the field of recombinant DNA technology.

Learning outcome 2; Objective 5: Students will be able to link these technologies to applications in health care fields.

Assessment Strategies [e.g., exams, projects, university rubric, etc. (as it will appear in the syllabus)]
The final exam for the class will be the primary assessment tool.

If you wish to attach a syllabus, you may attach it to the end of this document as part of the packet.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Is this course to be considered for General Education? ☐ Yes ☒ No


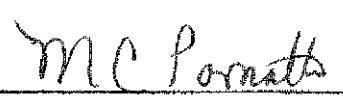
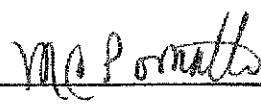
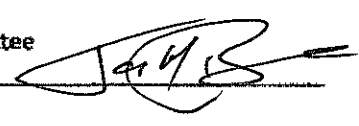
If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

4. Will this course be required of any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this course (e.g. staffing, equipment, etc.)?
No additional costs will be required

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☐ Approved: Department Chairperson
Date 09/30/16 Signature, Department Chairperson 
- ☐ Approved: College Curriculum Committee
Date 10/5/16 Signature, College Curriculum Committee Chair 
- ☐ Approved: Dean of College
Date 10/8/16 Signature, Dean 
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair 
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee may result in an additional month added to the process.

Syllabus

Introduction to Biochemistry will cover the following topics:

Section 1: Cells, Proteins, Enzyme Kinetics, and Bioenergetics

- a. Evolutionary concepts of biological systems; Review of organic chemistry
- b. Analysis of cell structure and function
- c. Properties of water, acid base equilibria, and buffers
- d. Amino acids and protein structure.
- e. Methods of protein purification and characterization
- f. Protein function: Hemoglobin and Myoglobin model
- g. Characterization of enzymes-substrate properties, enzyme kinetics, and inhibition of enzyme activity.
- h. Bioenergetics

Section 2: Carbohydrates and Carbohydrate Metabolism

- a. Structure and function of monosaccharides, polysaccharides
- b. Glycolysis and fermentation
- c. Citric Acid cycle
- d. Pentose phosphate pathway
- e. Gluconeogenesis.
- f. Glycogen synthesis and degradation.
- g. Oxidative Phosphorylation and ATP synthesis

Section 3: Lipids

- a. Lipid classes-structure and function
- b. Fatty acids and triacylglycerols
- c. Oxidation of fatty acids
- d. Fatty acid biosynthesis
- e. Sphingolipid and cholesterol metabolism

Section 4: Nitrogen Metabolism

- a. Amino acid synthesis
- b. Biosynthetic reaction of amino acids
- c. Amino acid catabolism
- d. Nucleotide structure
- e. Nucleotide synthesis and catabolism

Section 5: Integration of Metabolism

- a. Tissue specific distribution of metabolic activity
- b. The fed and fasting state
- c. The role of hormones in metabolic regulation

Section 6: Nucleic Acids:

- a. DNA structure and function
- b. RNA structure and function
- c. Maintenance and composition of chromatin structure

Section 7. Genetic Information

- a. DNA replication, repair, and recombination
- b. Transcription
- c. Translation
- d. Regulation of Gene Expression
- e. Recombinant DNA methodologies

Petar Dvornic wrote on 09/21 at 11:51 AM to Dixie Smith and Cheryl Giefer:

Dixie and Cheryl,

please see attached the document that we are getting ready to submit to the CA&S Curriculum Committee for legislation of a new course planning on being offered next spring. Please let me know if it affects your curricula in any way?

Thanks

Petar

Dixie Smith wrote on 09/28 at 11:25 AM to Petar Dvornic

Petar,

The course is very similar to BIOL 311 Cell Biology, which is a required course for Biology Majors. Therefore, to be of added value to Biology pre-med students, some or all of the following topics would need to be included.

- Amino acid structures/acid and base designations for AA/hydrophobic and hydrophilic AA
- Nucleotide structures/ nucleic acids
- Protein/protein structure/peptide reactions/isoelectric point/hemoglobin

It is my suspicion that these items indeed would be included in the course that Chemistry is proposing anyway, but the specific terms were left out, perhaps so that the committee would have an easier time understanding the proposal. However, it is important for our pre-med students to know in some additional detail what will be covered as they make their decision about which courses to take. I am also attaching some syllabi from other similar types of biochemistry courses upon which Biology faculty based their suggestions.

Thanks, Dixie

--

Dixie L. Smith, Biology Chair
620-235-4741

Joe Arruda wrote on 10/04 at 8:27 AM to Jody Neef:

Jody:

I have attached two "structural" comments (not related to the content of the course) about the curriculum proposal form that may be of help going forward.

Joe
(Bio Dept rep on the Curriculum Committee)

--

Joseph A. Arruda, Ph.D.
Professor of Biology

Department of Biology
Pittsburg State University
Pittsburg, KS 66762-7552

voice: 620.235.4738 | fax: 620.235.4194 | e-mail: jarruda@pittstate.edu

<http://www.pittstate.edu/biol/> ... <http://www.pittstate.edu/faculty-staff/joseph-a-arruda>

"Discovery consists of seeing what everybody has seen and thinking what nobody has thought." - Albert Szent-Gyorgyi

Attachment:

(1) Item outline in red is not provided and, I think, needs to be.

Request for New Course

(Undergraduate Course Numbers through Course Number 699)

Pittsburg State University

Department:

Chemistry College: Arts and Sciences

Submission Date: 9/16/2016

Contact Person: James McAfee

☒ Faculty member ☐ Chair

Is this new course proposal related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

The addition of this course will have a positive effect on students in other departments that are pursuing post-baccalaureate careers in medicine, dentistry, pharmaceutical sciences, or a host of other health care fields. The pre-professional health care fields, though not major-specific, often require specific classes that may be out of a student's major department. The class being legislated in this document will provide students with an essential requirement in a one semester format.

(2) Language used (outlined in red below) states that the final exam will be the "primary" assessment tool. Do you folks really mean to say that a single final exam will be the primary determinant of the grade? Is there a mid-term? Quizzes? Other assessments along the way?? I think this question is looking more broadly at the types or forms of assessments used.

these fields.

Assessment Strategies (e.g., exams, projects, university rubric, etc. (as it will appear in the syllabus))
The final exam for the class will be the primary assessment tool.

If you wish to attach a syllabus, you may attach it to the end of this document as part of the packet.

Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.

Existing Course:

Course Number: ACCTG 202

Title of Course: Managerial Accounting

Credit Hours: 3

Prerequisite: ACCTG 201 Financial Accounting

Course Description (as it appears in the current catalog): A survey of the tools for interpreting, analyzing, and understanding accounting data used in setting plans and objectives, in controlling operations, and in making management decisions.

Proposed Course:

Course Number: ACCTG 202

Title of Course: Managerial Accounting

Credit Hours: 3

Prerequisite: ACCTG 201 Financial Accounting

Course Description (as it will appear in the next catalog): A study of the tools utilized in understanding, analyzing and interpreting accounting data used in developing plans and objectives, in controlling operations and in making management decisions. Emphasis is placed on critical thinking skills, professional judgment and ethics.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson Patt Lon
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair Erin
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean Paul W. Jones
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 10/24/16 Signature, Undergraduate Curriculum Committee Chair John B.
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen☐ Faculty member ☒ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department met to agree upon this change and revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Course Deletion: Update to the curriculum to match CPA requirements removed the need for this course to be taught. This course is not necessary for the Construction Management program as they teach their own course CMCET 530 - Construction Cost Management.

Course to be Deleted:Course Number: ACCTG 305Title of Course: Construction AccountingCredit Hours: 3Deletion Effective: Fall 2017 (Semester/Year)Currently Offered: ☐ Fall ☐ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ NoIs there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No*Please realize that it will need to gain approval of the General Education Committee.*Was this course required of any education majors? ☐ Yes ☒ No*If "yes," please realize that it will need to have the approval of the Council for Teacher Education.*

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson Pat Lor
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair Tinyo
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean Paul W. G-3
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 10/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the deletion.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.

Existing Course:

Course Number: ACCTG 315

Title of Course: Intermediate Managerial Accounting

Credit Hours: 3

Prerequisite: ACCTG 202 Managerial Accounting and Junior Standing

Course Description (as it appears in the current catalog): A study of the concepts and methods to prepare and report cost information for planning and control in manufacturing and service industries. Topics include job order and process costing, standard costing, activity based costing, cost allocation, and budgeting.

Proposed Course:

Course Number: ACCTG 315

Title of Course: Intermediate Managerial Accounting

Credit Hours: 3

Prerequisite: ACCTG 202 Managerial Accounting and Junior Standing

Course Description (as it will appear in the next catalog): An in-depth study of the concepts and methods utilized in understanding, analyzing, interpreting and reporting accounting data for manufacturing and service industries. This data is used in developing plans and objectives, in controlling operations and in making management decisions. Emphasis is placed on critical thinking skills, professional judgment and ethics. Topics include job order and process costing, standard costing, activity based costing, cost behavior, cost allocation and budgeting.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 12/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 12/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems

College: Kelce College of Business

Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.

Existing Course:

Course Number: ACCTG 318

Title of Course: Intermediate Financial Accounting I

Credit Hours: 3

Prerequisite: ACCTG 201 Financial Accounting and Junior Standing

Course Description (as it appears in the current catalog): A study of the three major financial statements, the conceptual framework underlying financial reporting, and generally accepted accounting principles (GAAP) for assets and revenue recognition. Emphasis is placed on the importance of professional judgment and ethics in the financial reporting process.

Proposed Course:

Course Number: ACCTG 318

Title of Course: Intermediate Financial Accounting I

Credit Hours: 3

Prerequisite: ACCTG 201 Financial Accounting and Junior Standing

Course Description (as it will appear in the next catalog): A study of the conceptual framework and generally accepted accounting principles (GAAP) underlying the preparation and interpretation of the three major financial statements with emphasis on proper asset valuation, the principles of revenue recognition, and the importance of professional judgment and ethical decision making in the financial reporting process.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson Pet Kos
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair By
- ☒ Approved: Dean of College
Date 11/24/16 Signature, Dean Paul W. Gist
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall☒ Spring☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course. The name of the course is also being changed, since we moved from one tax course to two. This new name gives students and the Board that oversees the CPA exam a better idea of what is being taught in the class.

Existing Course:

Course Number: ACCTG 411Title of Course: Tax AccountingCredit Hours: 3Prerequisite: ACCTG 201 Financial Accounting and Junior Standing

Course Description (as it appears in the current catalog): Development of taxation in the United States; emphasis on income taxes; a comprehensive analysis of the Internal Revenue Code as it applies to individual income taxes and research in federal tax problems and planning. Prerequisite: ACCTG 201 Financial Accounting and junior standing.

Proposed Course:

Course Number: ACCTG 411Title of Course: Individual TaxationCredit Hours: 3Prerequisite: ACCTG 201 Financial Accounting and Junior Standing

Course Description (as it will appear in the next catalog): An introduction to the practice and theory of federal and state income tax for individuals in relation to gross income, deductions, and credits; property transactions; business forms of organizations.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/28/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/28/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen☐ Faculty member ☒ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*Update to the curriculum to match CPA requirements caused the need for two separate tax courses, ACCTG 411 - Tax Accounting and ACCTG 611 - Advanced Taxation. ACCTG 416 - Business Taxation was the sole tax course prior to the curriculum update and now needs to be deleted from the catalog. Faculty from the ACIS Department met to agree upon this change and revisions were circulated among all Department faculty for review and approval.Purpose/Justification for Course Deletion: Updating curriculum to match the CPA requirements for ACCTG students. ACCTG 411 - Tax Accounting and ACCTG 611 - Advanced Taxation were created to fill the need for the two class tax sequence students need to be eligible to sit for the CPA exam. ACCTG 416 - Business Taxation became a redundant course and needs to be removed from the catalog.**Course to be Deleted:**Course Number: ACCTG 416Title of Course: Business TaxationCredit Hours: 3Deletion Effective: Fall 2017 (Semester/Year)Currently Offered: ☐ Fall ☐ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ NoIs there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No
*Please realize that it will need to gain approval of the General Education Committee.*Was this course required of any education majors? ☐ Yes ☒ No*If "yes," please realize that it will need to have the approval of the Council for Teacher Education.*

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 11/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the deletion.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems

College: Kelce College of Business

Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course. The course name change is to designed to standardize our course names to better fit what other universities are naming their courses. This will also help with the Board that oversees the CPA exam.

Existing Course:

Course Number: ACCTG 420

Title of Course: Information Technology and Accounting Systems

Credit Hours: 3

Prerequisite: CIS 130 Computer Information Systems, ACCTG 318 Intermediate Financial Accounting I and Junior standing

Course Description (as it appears in the current catalog): A study of accounting systems with emphasis on emerging information technologies. Focus will be placed on analysis and modeling of databases, designing controls to mitigate business risks, and understanding the dynamic dimensions of accounting data.

Proposed Course:

Course Number: ACCTG 420

Title of Course: Accounting Information Systems

Credit Hours: 3

Prerequisite: ACCTG 318 Intermediate Financial Accounting I and Junior Standing

Course Description (as it will appear in the next catalog): An introduction to the systems for recording, summarizing, classifying and reporting of accounting information to internal and external users. The course explores the relationship between business processes and transaction processing using a transaction cycle approach. Students are introduced to expected accounting documents, document flow, and internal control activities. The course includes a systems understanding aid which simulates an accounting information system.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 11/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business

Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

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Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.

Existing Course:

Course Number: ACCTG 610

Title of Course: External Auditing and Assurance Services

Credit Hours: 3

Prerequisite: Prerequisite: ACCTG 410 Intermediate Financial Accounting II.

Course Description (as it appears in the current catalog): Procedure in making audits of the various accounts of a business enterprise.

Proposed Course:

Course Number: ACCTG 610

Title of Course: External Auditing and Assurance Services

Credit Hours: 3

Prerequisite: ACCTG 410 Intermediate Financial Accounting II and Junior standing

Course Description (as it will appear in the next catalog): An applied study of the basic concepts underlying an audit of financial statements and evaluation of internal control over financial reporting including how and why audits are

performed, professional auditing standards, audit planning, audit risk, materiality, evidence, professional conduct and legal liability. A case-study approach will be used to apply concepts to the various business processes and complete an audit.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/22/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 11/22/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/1/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems

College: Kelce College of Business

Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.

Existing Course:

Course Number: ACCTG 611

Title of Course: Advanced Taxation

Credit Hours: 3

Prerequisite: ACCTG 411 Tax Accounting or ACCTG 416 Business Taxation and junior standing.

Course Description (as it appears in the current catalog): An in-depth study of income tax laws related to C corporations, S corporations, and partnerships. An introduction to transfer taxes involved with gifts and estates and income taxes on estates, trusts, and tax-exempt organizations.

Proposed Course:

Course Number: ACCTG 611

Title of Course: Advanced Taxation

Credit Hours: 3

Prerequisite: ACCTG 411 -- Individual Taxation and Junior Standing

Course Description (as it will appear in the next catalog): An in-depth study of tax credits (business and individual); property transactions; C corporations, S corporations, and partnerships. An introduction to transfer taxes (gifts and estates); income taxes on estates, trusts, and tax-exempt organizations.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson Pit. Ron
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair TSY
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean P. W. G.
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair Jack 11
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
 Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.

Existing Course:

Course Number: ACCTG 620

Title of Course: Advanced Financial Accounting

Credit Hours: 3

Prerequisite: ACCTG 410 Intermediate Financial Accounting II and Junior standing

Course Description (as it appears in the current catalog): Accounting concepts and practices for consolidated financial statements, foreign currency transactions and translation, partnerships, and governmental accounting.

Proposed Course:

Course Number: ACCTG 620

Title of Course: Advanced Financial Accounting

Credit Hours: 3

Prerequisite: ACCTG 410 Intermediate Financial Accounting II and Junior Standing

Course Description (as it will appear in the next catalog): Accounting concepts and practices for consolidated financial statements, foreign currency transactions and translation, partnerships, and state and local governmental accounting.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 12/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 12/21/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 12/21/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall☒ Spring☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*This course is used in both the Accounting major and the Fraud minor, which is often taken by Justice Studies majors. Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.**Existing Course:**Course Number: ACCTG 625Title of Course: Fraud ExaminationCredit Hours: 3Prerequisite: ACCTG 201 Financial Accounting and senior standing; or permission of instructor.Course Description (as it appears in the current catalog): Fraud examination, also called Forensic Accounting, focuses on the prevention, detection, investigation, and resolution of fraud and white collar crime. The course will utilize a combination of lectures, videos, guest speakers, and case studies.**Proposed Course:**Course Number: ACCTG 625Title of Course: Fraud ExaminationCredit Hours: 3Prerequisite: ACCTG 422 Internal Auditing and Senior standing.

Course Description (as it will appear in the next catalog): Fraud examination focuses on the prevention, detection, investigation, and resolution of fraud and white collar crime. The course will utilize a combination of lectures, videos, guest speakers, and case studies.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 12/26/16 Signature, Department Chairperson Pet Bon
- ☒ Approved: College Curriculum Committee
Date 12/26/16 Signature, College Curriculum Committee Chair SB
- ☒ Approved: Dean of College
Date 12/26/16 Signature, Dean Paul W. Gier
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/26/16 Signature, Undergraduate Curriculum Committee Chair J. J. J.
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems

College: Kelce College of Business

Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course.

Existing Course:

Course Number: CIS 130

Title of Course: Computer Information Systems

Credit Hours: 3

Prerequisite: None

Course Description (as it appears in the current catalog): An introduction to the use of computer systems in business and industry. Computer hardware and software, data communications, and computer based information systems. Introduction to word processing, spreadsheets, data bases, and a survey of programming languages.

Proposed Course:

Course Number: CIS 130

Title of Course: Computer Information Systems

Credit Hours: 3

Prerequisite: None

Course Description (as it will appear in the next catalog): An introduction to the use of computer systems in business and industry, including hands-on use of productivity software. Concepts covered include computer hardware and software, data security, and computer based information systems.

Additional Questions

1. Is this course to be considered for General Education? ☒ Yes ☐ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

This course falls under the General Education area of Producing and Consuming in Business.

Goal #1: Students should be able to communicate effectively.

- Apply the principles of effective writing and other forms of communication.
- Demonstrate the ability to formulate and solve problems using the tools of mathematics.

Assessment Data: Students should be able to solve homework problems, pass quizzes and pass the national certification exam using the tools of business, like Microsoft Excel, and produce charts and graphs that will assist them in creating presentations to effectively communicate the quantitative data in their spreadsheets.

Goal #2: Students should be able to think critically.

- Demonstrate the ability to distinguish between relevant and irrelevant information in problem solving.
- Articulate a problem and develop a logical and reasonable response to it using appropriate sources.
- Apply generalizations, principles, theories, or rules to the real world.
- Demonstrate the ability to analyze and synthesize information.

On homeworks, quizzes, and the national certification exam, students are expected to think critically, solving quantitative problems that would commonly face business professionals with the appropriate quantitative tools and software.

Goal #3: Students should be able to function responsibly in the world in which they live.

Social Studies

- Demonstrate an understanding of contemporary social issues.
- Evaluate the impact of scientific, technological, economic, and intellectual change on social and political institutions.

Political Studies

- Demonstrate an awareness of the impact of public policy on people's lives.
- Part IV: Producing and Consuming
- Demonstrate an understanding of how the world of producing and consuming impacts the individual, society, institutional structures, the economy, and the world.
- Demonstrate an understanding of how the practices and outcomes of producing and consuming apply to our daily decision-making and to the solution of societal problems.

Cultural Studies

- Demonstrate an awareness of the rights

Students are given a pre and post test to determine if they understand personal finance issues like budgeting and purchasing items on credit with interest, so they can be functioning adults in today's credit driven economy. They are asked to perform calculations with Microsoft Excel, a common productivity software package.

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/14/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10/21/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/21/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: The course pre-requisite change was proposed to better match what students will need to be successful in the course.

Existing Course:

Course Number: CIS 230

Title of Course: Visual Basic Programming

Credit Hours: 3

Prerequisite: MATH 019 Intermediate Algebra or MATH 110 College Algebra with Review or MATH 113 College Algebra or MATH 126 Pre-Calculus or MATH 150 Calculus I or MATH 153 Introduction to Analytic Processes and 25 hours completed or permission of the instructor.

Course Description (as it appears in the current catalog): This is an introduction to the Visual Basic programming language and to the Visual Studio program development environment. It is designed as an entry level course to introduce basic programming concepts using object-oriented methodologies.

Proposed Course:

Course Number: CIS 230

Title of Course: Visual Basic Programming

Credit Hours: 3

Prerequisite: MATH 019 Intermediate Algebra or MATH 110 College Algebra with Review or MATH 113 College Algebra or equivalent high-school class preparation.

Course Description (as it will appear in the next catalog): This is an introduction to the Visual Basic programming language and to the Visual Studio program development environment. It is designed as an entry level course to introduce basic programming concepts using object-oriented methodologies.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/11 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/22/11 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/24/11 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/11 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
 Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: The course pre-requisite change was proposed to eliminate an issue the department was having with course sequencing and an acknowledgement that students could begin their programming sequence with either CIS 230 or CIS 240.

Existing Course:

Course Number: CIS 240

Title of Course: C++ Programming

Credit Hours: 3

Prerequisite: CIS 230 Visual Basic Programming and 25 hours completed, or permission of instructor.

Course Description (as it appears in the current catalog): An introduction to programming using the C++ language.

Proposed Course:

Course Number: CIS 240

Title of Course: C++ Programming

Credit Hours: 3

Prerequisite: MATH 019 Intermediate Algebra or MATH 110 College Algebra with Review or MATH 113 College Algebra or equivalent high-school class preparation.

Course Description (as it will appear in the next catalog): An introduction to programming using the C++ language.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson Pet R...
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair Tygo
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean Paul We...
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
Submission Date: 10-10-2016

Contact Person: Peter Rosen

☐ Faculty member ☒ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?
☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department met to agree upon this change and revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Course Deletion: Remove courses that were remaining from Computer Science program, but are not relevant to the CIS curriculum.

Course to be Deleted:

Course Number: CIS 250

Title of Course: Principles of Software Design

Credit Hours: 3

Deletion Effective: Fall 2017 (Semester/Year)

Currently Offered: ☐ Fall ☐ Spring ☐ Summer (check all that apply)

Was this course a part of the General Education package? ☐ Yes ☒ No

Is there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No
Please realize that it will need to gain approval of the General Education Committee.

Was this course required of any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/29/16 Signature, Department Chairperson Pet Boc
- ☒ Approved: College Curriculum Committee
Date 10/29/16 Signature, College Curriculum Committee Chair By
- ☒ Approved: Dean of College
Date 10/29/16 Signature, Dean Paul W. Giff
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the deletion.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☐ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Changing course pre-requisites to better sequence major classes and to avoid course pre-requisite bottlenecks for majors; this also better reflects what preparation students will need to be successful in CIS 345.

Existing Course:

Course Number: CIS 345

Title of Course: Object Oriented Programming Using Java

Credit Hours: 3

Prerequisite: CIS 380 Application System Analysis/Design Methods or permission of instructor.

Course Description (as it appears in the current catalog): An introduction to advanced object-oriented programming methodologies using the language Java.

Proposed Course:

Course Number: CIS 345

Title of Course: Object Oriented Programming Using Java

Credit Hours: 3

Prerequisite: CIS 240 C++ Programming and Junior Standing

Course Description (as it will appear in the next catalog): An introduction to advanced object-oriented programming methodologies using the language Java.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/22/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 11/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
 Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Changing pre-requisites to better sequence our major offerings and make pre-requisites standard across major courses.

Existing Course:

Course Number: CIS 350

Title of Course: Introduction to System Administration

Credit Hours: 3

Prerequisite: CIS 240 C++ Programming and 55 hours completed or permission of instructor.

Course Description (as it appears in the current catalog): An introduction to the concepts and practices of computer systems administration. Topics include the installation and management of systems and applications and hardware components including network devices, access control for system resources; the role of administrative policies and procedures, identification of threats and countermeasures; operational controls, and audit practices required for system security and system recovery.

Proposed Course:

Course Number: CIS 350

Title of Course: Introduction to System Administration

Credit Hours: 3

Prerequisite: CIS 240 C++ Programming and Junior Standing

Course Description (as it will appear in the next catalog): An introduction to the concepts and practices of computer systems administration. Topics include the installation and management of systems and applications and hardware components including network devices, access control for system resources; the role of administrative policies and procedures, identification of threats and countermeasures; operational controls, and audit practices required for system security and system recovery.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10/28/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/28/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating the course name to better align our course with what is taught at other universities; standardizing the course pre-requisite across major courses.

Existing Course:

Course Number: CIS 380

Title of Course: Application Systems Analysis and Design Methods

Credit Hours: 3

Prerequisite: CIS 240 C++ Programming and 55 hours completed or permission of instructor.

Course Description (as it appears in the current catalog): An introduction to methods used to design computer applications. The course will explore traditional and object oriented methods used for the analysis and design of large application systems. It will focus on Object Oriented Analysis (OOA) and Object Oriented Design (OOD) methodologies.

Proposed Course:

Course Number: CIS 380

Title of Course: Systems Analysis and Design

Credit Hours: 3

Prerequisite: CIS 240 C++ Programming and Junior Standing

Course Description (as it will appear in the next catalog): An introduction to methods used to design computer applications. The course will explore traditional and object oriented methods used for the analysis and design of large application systems. It will focus on Object Oriented Analysis (OOA) and Object Oriented Design (OOD) methodologies.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen☐ Faculty member ☒ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*Faculty from the ACIS Department met to agree upon this change and revisions were circulated among all Department faculty for review and approval.Purpose/Justification for Course Deletion: Remove courses that were remaining from Computer Science program, but are not relevant to the CIS curriculum.**Course to be Deleted:**Course Number: CIS 410Title of Course: Machine Organization (Assembler)Credit Hours: 3Deletion Effective: Fall 2017 (Semester/Year)Currently Offered: ☐ Fall ☐ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ NoIs there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No*Please realize that it will need to gain approval of the General Education Committee.*Was this course required of any education majors? ☐ Yes ☒ No*If "yes," please realize that it will need to have the approval of the Council for Teacher Education.*

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
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Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall☒ Spring☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.Purpose/Justification for Revision to Course: Changing pre-requisites to standard across major courses.**Existing Course:**Course Number: CIS 470Title of Course: Computer NetworkingCredit Hours: 3Prerequisite: CIS 350 Introduction to System Administration, 55 hours completed and 2.50 GPA.Course Description (as it appears in the current catalog): Concepts of communications, computer networking principles, and survey of technical components of a distributed computer system.**Proposed Course:**Course Number: CIS 470Title of Course: Computer NetworkingCredit Hours: 3Prerequisite: CIS 350 Introduction to System Administration and Junior StandingCourse Description (as it will appear in the next catalog): Concepts of communications, computer networking principles, and survey of technical components of a distributed computer system.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

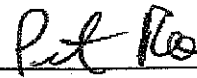
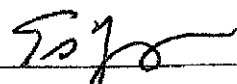
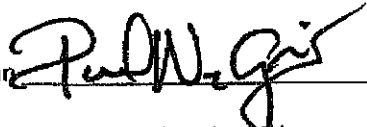

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson 
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair 
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean 
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
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Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair 
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Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen☐ Faculty member ☒ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*Faculty from the ACIS Department met to agree upon this change and revisions were circulated among all Department faculty for review and approval.Purpose/Justification for Course Deletion: Remove courses that were remaining from Computer Science program, but are not relevant to the CIS curriculum.**Course to be Deleted:**Course Number: CIS 510Title of Course: Data Structures and AlgorithmsCredit Hours: 3Deletion Effective: Fall 2017 (Semester/Year)Currently Offered: ☐ Fall ☐ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ NoIs there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No*Please realize that it will need to gain approval of the General Education Committee.*Was this course required of any education majors? ☐ Yes ☒ No*If "yes," please realize that it will need to have the approval of the Council for Teacher Education.*

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
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Date 10/24/16 Signature, College Curriculum Committee Chair [Signature]
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Date 10/24/16 Signature, Dean [Signature]
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Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
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Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Keice College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen☐ Faculty member ☒ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*Faculty from the ACIS Department met to agree upon this change and revisions were circulated among all Department faculty for review and approval.Purpose/Justification for Course Deletion: Remove courses that were remaining from Computer Science program, but are not relevant to the CIS curriculum.**Course to be Deleted:**Course Number: CIS 540Title of Course: Programming LanguagesCredit Hours: 3Deletion Effective: Fall 2017 (Semester/Year)Currently Offered: ☐ Fall ☐ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ NoIs there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No*Please realize that it will need to gain approval of the General Education Committee.*Was this course required of any education majors? ☐ Yes ☒ No*If "yes," please realize that it will need to have the approval of the Council for Teacher Education.*

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
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Date 12/2/16 Signature, Department Chairperson [Signature]
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Date 12/2/16 Signature, Dean [Signature]
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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course pre-requisites to make CIS major classes more consistent with each other; updated the course description to better reflect the process for enrolling in the course.

Existing Course:

Course Number: CIS 610Title of Course: InternshipCredit Hours: 1-3

Prerequisite: GPA of 2.75 or greater in all CIS courses, 55 hours completed, 2.50 GPA and the consent of the Departmental Internship Committee.

Course Description (as it appears in the current catalog): This course requires an in-depth involvement in on-going project under direct professional supervision. A project may be on-campus or with a business, financial institution or governmental agency. A formal report of project activities must be submitted to a designated faculty sponsor. Students must apply for admission to the course and selection will be made by the internship committee.

Proposed Course:

Course Number: CIS 610Title of Course: InternshipCredit Hours: 1-3

Prerequisite: Junior Standing and Consent of Instructor

Course Description (as it will appear in the next catalog): This course requires an in-depth involvement in on-going project under direct professional supervision. A project may be on-campus or with a business, financial institution or governmental agency. A formal report of project activities must be submitted to the course instructor. Students must apply for admission to the course and selection will be made by the course instructor.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
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Date 10/24/16 Signature, Dean [Signature]
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Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems

College: Kelce College of Business

Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating course description to better reflect what is currently being taught in the course, and course pre-requisites to keep the consistent with other major courses.

Existing Course:

Course Number: CIS 615

Title of Course: Database Management

Credit Hours: 3

Prerequisite: CIS 240 C++ Programming, 55. hours completed, and 2.50 GPA.

Course Description (as it appears in the current catalog): Analysis and design of large integrated data bases. Design alternatives. Logical and physical representation of data. Storage and retrieval mechanisms and languages. Survey of existing systems. Roles of the Database Manager and Analyst.

Proposed Course:

Course Number: CIS 615

Title of Course: Database Management

Credit Hours: 3

Prerequisite: CIS 240 C++ Programming and Junior Standing

Course Description (as it will appear in the next catalog): Analysis and design of large integrated data bases. Logical and physical representation of data. Storage and retrieval mechanisms and languages. Survey of existing systems. Roles of the Database Manager and Analyst.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
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Date 12/26/16 Signature, Department Chairperson [Signature]
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Date 12/26/16 Signature, Dean [Signature]
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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems

College: Kelce College of Business

Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☐ Fall

☒ Spring

☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Changed pre-requisite to standardize across major courses.

Existing Course:

Course Number: CIS 640

Title of Course: Software Engineering

Credit Hours: 3

Prerequisite: CIS 345 Object Oriented Programming Using Java and Senior Standing

Course Description (as it appears in the current catalog): Survey of methods for definition, design, development, documentation, and implementation of significant software systems. Formal theories for representation, correctness, and related development tools. Individual and team projects drawn from computer science applications.

Proposed Course:

Course Number: CIS 640

Title of Course: Software Engineering

Credit Hours: 3

Prerequisite: CIS 345 Object Oriented Programming Using Java and Junior Standing

Course Description (as it will appear in the next catalog): Survey of methods for definition, design, development, documentation, and implementation of significant software systems. Formal theories for representation, correctness, and related development tools. Individual and team projects drawn from computer science applications.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
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Date 10/24/16 Signature, Department Chairperson [Signature]
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Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
Submission Date: 10-10-2016

Contact Person: Peter Rosen☐ Faculty member ☒ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department met to agree upon this change and revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Course Deletion: Remove courses that were remaining from Computer Science program, but are not relevant to the CIS curriculum.

Course to be Deleted:Course Number: CIS 645Title of Course: Internet ProgrammingCredit Hours: 3Deletion Effective: Fall 2017 (Semester/Year)Currently Offered: ☐ Fall ☐ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ No

Is there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No
Please realize that it will need to gain approval of the General Education Committee.

Was this course required of any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
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Date 10/26/16 Signature, Department Chairperson [Signature]
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Date 10/26/16 Signature, College Curriculum Committee Chair [Signature]
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Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
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Date _____ Signature, Recording Secretary, Faculty Senate _____

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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information SystemsCollege: Kelce College of BusinessSubmission Date: 10-10-2016Contact Person: Peter Rosen ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☐ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Changing pre-requisite course for consistency across major courses and better sequencing within the major.

Existing Course:

Course Number: CIS 670Title of Course: Information Assurance and Computer Security ICredit Hours: 3

Prerequisite: CIS 350 Introduction to System Administration, 55 hours completed, 2.50 GPA or permission of the instructor.

Course Description (as it appears in the current catalog): Overview of the central issues that impact upon information assurance and computer security. Material covered will address the administrative, technical, physical, legal, and ethical issues related to providing confidentiality, integrity, and availability of information in a networked computing environment.

Proposed Course:

Course Number: CIS 670Title of Course: Information Assurance and Computer Security ICredit Hours: 3

Prerequisite: CIS 470 Computer Networking and Junior Standing

Course Description (as it will appear in the next catalog): Overview of the central issues that impact upon information assurance and computer security. Material covered will address the administrative, technical, physical, legal, and ethical issues related to providing confidentiality, integrity, and availability of information in a networked computing environment.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/1/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Accounting and Computer Information Systems College: Kelce College of Business
 Submission Date: 10-10-2016

Contact Person: Peter Rosen ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☐ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the ACIS Department who teach the courses have revised the course descriptions to update them. These revisions were circulated among all Department faculty for review and approval.

Purpose/Justification for Revision to Course: Changing pre-requisites to standardize across major courses.

Existing Course:

Course Number: CIS 671

Title of Course: Information Assurance and Computer Security II

Credit Hours: 3

Prerequisite: CIS 670 Information Assurance and Computer Security I, 55 hours completed and 2.50 GPA.

Course Description (as it appears in the current catalog): Information systems security models, software security and systems lifecycle management, policy development, personnel responsibilities, contingency planning, physical security and administrative controls.

Proposed Course:

Course Number: CIS 671

Title of Course: Information Assurance and Computer Security II

Credit Hours: 3

Prerequisite: CIS 670 Information Assurance and Computer Security I and Junior Standing

Course Description (as it will appear in the next catalog): Information systems security models, software security and systems lifecycle management, policy development, personnel responsibilities, contingency planning, physical security and administrative controls.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/24/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and BankingCollege: Keice College of BusinessSubmission Date: 9-12-2016Contact Person: Kevin Bracker ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description

Existing Course:

Course Number: ECON 191Title of Course: Issues in Today's EconomyCredit Hours: 3Prerequisite: None

Course Description (as it appears in the current catalog): A practical guide to the economy. Emphasis on important issues such as inflation, unemployment, national defense, taxes and deficits, race and sex discrimination, pollution, welfare, and international problems. Designed for non-business students; cannot be taken for credit by students majoring or minoring in business. Not open to students with credit or concurrent enrollment in ECON 200 Introduction to Microeconomics or above

Proposed Course:

Course Number: ECON 191Title of Course: Issues in Today's EconomyCredit Hours: 3Prerequisite: None

Course Description (as it will appear in the next catalog): An issues-oriented practical guide to introductory economics. Through examination of contemporary social issues and problems, a framework of economic analysis is developed. Topics such as world poverty and development, discrimination, pollution, monopoly power, unemployment, international trade, taxes, global competition, and social security are covered. Upon completion of the course, students will be able to view current events with an economic understanding of the issues involved. Designed for non-business students: not open to students with credit or concurrent enrollment in ECON 200 Principles of Microeconomics or above.

Additional Questions

1. Is this course to be considered for General Education? ☒ Yes ☐ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

This is currently a General Education course and the purpose of the course revision is merely an update of the course description.

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

General Education Goals and Assessment

Goals: Goal 3, Objective 4.3: Demonstrate an understanding of how the practices and outcomes of producing and consuming apply to our daily decision-making and to the solution of societal problems.

Assessment -- Comprehensive final exam at the end of the semester.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Brackley
- ☒ Approved: College Curriculum Committee
Date 11/23/16 Signature, College Curriculum Committee Chair Troy
- ☒ Approved: Dean of College
Date 10/20/16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business
Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval. In this course, the title of the course and prerequisite were also changed.

Purpose/Justification for Revision to Course: Updating Course Description/Title

Existing Course:

Course Number: ECON 200

Title of Course: Introduction to Microeconomics

Credit Hours: 3

Prerequisite: Sophomore standing

Course Description (as it appears in the current catalog): Economic theory of households and firms. Determination of equilibrium product and factor prices, allocation of resources and distribution of income, with applications to international trade. Prerequisite: sophomore standing.

Proposed Course:

Course Number: ECON 200

Title of Course: Principles of Microeconomics

Credit Hours: 3

Prerequisite: Sophomore standing

Course Description (as it will appear in the next catalog): Examination of individual economic behavior as a consumer as well as a producer. Topics include opportunity cost, the market phenomena and government interventions, budget constraint, utility theory, productivity and costs, and perfect and imperfect markets. Prerequisite: sophomore standing.

Additional Questions

1. Is this course to be considered for General Education? ☒ Yes ☐ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

This course is already an option in General Education and the course revision is merely to update the course description and title of the course.

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

General Education Goals and Assessment

Goals: Goal 3, Objective 4.3: Demonstrate an understanding of how the practices and outcomes of producing and consuming apply to our daily decision-making and to the solution of societal problems.

Assessment -- Comprehensive final exam at the end of the semester.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bracken
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair ESY
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and BankingCollege: Kelce College of BusinessSubmission Date: 9-12-2016Contact Person: Kevin Bracker ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall☒ Spring☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval. In this course, the title of the course and prerequisite were also changed.Purpose/Justification for Revision to Course: Updating Course Description/Title**Existing Course:**Course Number: ECON 201Title of Course: Introduction to MacroeconomicsCredit Hours: 3Prerequisite: Sophomore standingCourse Description (as it appears in the current catalog): Basic concepts of economics including the market mechanism, national income accounting and determination, stabilization policies and the problems of economic growth and development. If a student intends to take both ECON 200 Introduction to Microeconomics and ECON 201 Introduction to Macroeconomics, then it is recommended, but not required, that the student take ECON 200 Introduction to Microeconomics before ECON 201 Introduction to Macroeconomics. Prerequisite: sophomore standing**Proposed Course:**Course Number: ECON 201Title of Course: Principles of MacroeconomicsCredit Hours: 3Prerequisite: Sophomore standing

Course Description (as it will appear in the next catalog): The course focuses on on concepts, principles, and behavior of the macroeconomy including aggregate demand, aggregate supply, national income accounting, domestic and international trade sectors, and stabilization policies. Prerequisite: sophomore standing

Additional Questions

1. Is this course to be considered for General Education? ☒ Yes ☐ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

This course is already an option in General Education and the course revision is merely to update the course description and title of the course.

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

General Education Goals and Assessment

Goals: Goal 3, Objective 4.3: Demonstrate an understanding of how the practices and outcomes of producing and consuming apply to our daily decision-making and to the solution of societal problems.

Assessment -- Comprehensive final exam at the end of the semester.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-7-16 Signature, Department Chairperson Kevin Bracker
- ☒ Approved: College Curriculum Committee
Date 10/26/16 Signature, College Curriculum Committee Chair T. J. G.
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair John P.
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description/Number. The numbering is to create a system of classification (300-level for the two required intermediate courses, 400-level for all electives, and 600-level for the senior-level required courses).

Existing Course:

Course Number: ECON 330

Title of Course: Money and Banking

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and junior standing

Course Description (as it appears in the current catalog): The banking system of the United States with special emphasis upon the Federal Reserve System. Prerequisites: ECON 200 Introduction to Microeconomics, ECON 201 Introduction to Macroeconomics, and junior standing.

Proposed Course:

Course Number: ECON 430

Title of Course: Money and Banking

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and 55 hours completed

Course Description (as it will appear in the next catalog): The course broadly covers the economics of money, financial intermediaries, the US financial system, monetary policy, and monetary theory. This includes a description, the organization, operation, functioning, and importance of the US financial system; description and understanding of organization, decision-making process, and operations of the Federal Reserve System; understanding and determination of impacts associated with changes in the monetary base and other actions by the Federal Reserve on the overall macro economy; and tools are developed to analyze how the Federal Reserve stimulates the macro economy. Prerequisites: ECON 200 Principles of Microeconomics, ECON 201 Principles of Macroeconomics, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/14/16 Signature, Department Chairperson Kevin Bracker
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair Taylor
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean Paul Nege
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business
 Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

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Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval. In this course, the course number was also changed.

Purpose/Justification for Revision to Course: Updating Course Description/Number. The numbering is to create a system of classification (300-level for the two required intermediate courses, 400-level for all electives, and 600-level for the senior-level required courses).

Existing Course:

Course Number: ECON 418

Title of Course: Intermediate Microeconomics

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, MGMKT 310, a "C" or better in MATH 113, MATH 110, or MATH 126 and 55 hours completed

Course Description (as it appears in the current catalog): Consumption, production, pricing, resource allocation, and distribution. Prerequisites: ECON 200 Introduction to Microeconomics, ECON 201 Introduction to Macroeconomics, MGMKT 310 Basic Quantitative Business Methods, a "C" in MATH 113 College Algebra or MATH 110 College Algebra with Review or MATH 126 Pre-Calculus, and 55 hours completed.

Proposed Course:

Course Number: ECON 318

Title of Course: Intermediate Microeconomics

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, MGMKT 310, a "C" or better in MATH 113, MATH 110, or MATH 126 and 55 hours completed

Course Description (as it will appear in the next catalog): Theory of rational economic behavior in consumption and production. Topics include the market phenomena and government interventions, indifference curve analysis, production and cost functions, theory of the firm under different market structures, game theory. Prerequisites: ECON 200 Principles of Microeconomics, ECON 201 Principles of Macroeconomics, MGMKT 310 Basic Quantitative Business Methods, a "C" in MATH 113 College Algebra or MATH 110 College Algebra with Review or MATH 126 Pre-Calculus, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bracken
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair TSY
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul W. Giff
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 11/2/16 Signature, Undergraduate Curriculum Committee Chair J. M.
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval. In this course, the course number was also changed.

Purpose/Justification for Revision to Course: Updating Course Description/Number. The numbering is to create a system of classification (300-level for the two required intermediate courses, 400-level for all electives, and 600-level for the senior-level required courses).

Existing Course:

Course Number: ECON 419

Title of Course: Intermediate Macroeconomics

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and junior standing

Course Description (as it appears in the current catalog): Determination of national income, employment and the price level; policies to reduce unemployment and/or inflation. Prerequisites: ECON 200 Introduction to Microeconomics, ECON 201 Introduction to Macroeconomics, and junior standing.

Proposed Course:

Course Number: ECON 319

Title of Course: Intermediate Macroeconomics

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and 55 hours completed

Course Description (as it will appear in the next catalog): Analysis of macroeconomic performance both in the short and the long-run. This course covers GDP and national income determination, business cycles, inflation and unemployment, fiscal and monetary policy, the international sector, and economic growth models. Prerequisites: ECON 200 Principles of Microeconomics, ECON 201 Principles of Macroeconomics, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No.

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bracken
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair Boyd
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean Pamela W. Gier
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair John H. Gier
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for New Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker

☐ Faculty member ☒ Chair

Is this new course proposal related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is part of a process to update our economics major by providing more relevant courses that will allow students to see the many ways in which economic analysis can be applied in a modern, diverse economy. While other departments, colleges, units or programs may choose to incorporate this course into their programs, at this point it is being added with the sole intention of expanding our offerings of electives within the department.

Proposed Course:

Course Number: ECON 433

Title of Course: Sports Economics

Credit Hours: 3

Date first offered: Fall 2017

(Semester/Year)

☒ Fall ☒ Spring ☒ Summer
(check all that apply)

Prerequisite: ECON 200 Principles of Microeconomics, ECON 201 Principles of Macroeconomics, and MATH 143 Elementary Statistics

Course Description (as it will appear in the next catalog): Application of economic analysis to issues related to the sports entertainment industry. Topics include sports franchises as firms, monopoly, anti-trust, competitive balance, public finance, labor markets, and college sports. Provides insight on the sports industry and methods used by economists to address economic problems applicable to many industries. Prerequisites: ECON 200 Introduction to Microeconomics, ECON 201 Introduction to Macroeconomics, and MATH 143 Elementary Statistics.

Purpose/Justification for Proposed Course: The course will allow the department to expand its electives offerings, update the curriculum to include a current topic with the potential for strong student interest, and provides a content area with significant potential avenues within which economic analysis can be applied. Given the attention granted to sports in our society along with the time and resources that get allocated to sports it becomes an area that is worthy of study and consideration from an economics perspective. Resources are expended at individual, governmental, and private business level from the aspect of entertainment consumption, allocation of public resources, management of individual teams, marketing and distribution of content, and league balance considerations.

Objectives/Student Learning Outcomes (as it will appear in the syllabus)

Define and evaluate the market forces that shape the sports industry and its labor markets.

Assess the costs and benefits of public financing of professional sports.

Apply and interpret statistical techniques, including regression analysis, to economic problems in the sports industry.

Assessment Strategies [e.g., exams, projects, university rubric, etc. (as it will appear in the syllabus)]

Assessment will consist of regular, low stakes quizzes for immediate and frequent feedback, two exams, and a project chosen by the student involving the application of regression analysis to an economic problem related to the sports industry.

If you wish to attach a syllabus, you may attach it to the end of this document as part of the packet.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

4. Will this course be required of any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this course (e.g. staffing, equipment, etc.)?
\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Backer
- ☒ Approved: College Curriculum Committee
Date 10/26/16 Signature, College Curriculum Committee Chair Stacy
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul Whiggin
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair John McRae
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

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Request for New Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and BankingCollege: Keice College of BusinessSubmission Date: 9-12-2016Contact Person: Kevin Bracker☐ Faculty member ☒ Chair

Is this new course proposal related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is part of a process to update our economics major by providing more relevant courses that will allow students to see the many ways in which economic analysis can be applied in a modern, diverse economy. While other departments, colleges, units or programs may choose to incorporate this course into their programs, at this point it is being added with the sole intention of expanding our offerings of electives within the department.

Proposed Course:

Course Number: ECON 437Title of Course: Economics of SustainabilityCredit Hours: 3Date first offered: Spring 2018
(Semester/Year)☒ Fall ☒ Spring ☒ Summer
(check all that apply)Prerequisite: ECON 200 Principles of Microeconomics and ECON 201 Principles of Macroeconomics

Course Description (as it will appear in the next catalog): The course will examine the sustainability problems of managing growth, sustainable production levels, job growth, poverty and income distribution, and market failure impact on environmental / ecological systems through the lens of economic concepts and theory. All scarce resources will be addressed (natural resources, workers, and capital) to assure a sustainable economic future along with the role of government in environmental regulation, income redistribution, and economic growth.

Purpose/Justification for Proposed Course: The course will allow the department to expand its electives offerings, update the curriculum to include a current topic with the potential for strong student interest, and provides a content area with significant potential avenues within which economic analysis can be applied. Sustainability economics covers a broad spectrum of issues that relate to achieving desired economic goals while focusing on the sustainability of resources. This includes looking at impact on the environment through both pollution and overuse of resources as well as issues of income distribution and equality of opportunity.

Objectives/Student Learning Outcomes (as it will appear in the syllabus)

Students will be able to:

- Explain the role of microeconomics and macroeconomics in sustainability
- Use economic tools to analyze environmental issues from an efficiency and equitable perspective

- Use economic tools to analyze production and income distribution issues from an efficiency and equitable perspective
- Explain economic concept of externalities, public and private goods, and market failures
- Compare traditional measures of economic productivity and net national welfare
- Identify economic elements of sustainable business models
- Perform an economic cost benefit analysis
- Demonstrate problem solving, team work, and research skills

Assessment Strategies [e.g., exams, projects, university rubric, etc. (as it will appear in the syllabus)]

Problem sets, exams, research project, and class presentation of research project.

If you wish to attach a syllabus, you may attach it to the end of this document as part of the packet.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

4. Will this course be required of any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this course (e.g. staffing, equipment, etc.)?
\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Brackley
- ☒ Approved: College Curriculum Committee
Date 10/26/16 Signature, College Curriculum Committee Chair T. J. [Signature]
- ☒ Approved: Dean of College
Date 11/2/16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of BusinessSubmission Date: 9-12-2016Contact Person: Kevin Bracker ☐ Faculty member ☒ ChairRevision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall☒ Spring☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.Purpose/Justification for Revision to Course: Updating Course Description**Existing Course:**Course Number: ECON 468Title of Course: Labor EconomicsCredit Hours: 3Prerequisite: ECON 200, ECON 201, and junior standingCourse Description (as it appears in the current catalog): Labor market supply and demand; labor-market institutions; and labor-market policies: full employment, anti-inflation, income maintenance, and manpower. Prerequisite: ECON 200 Introduction to Microeconomics, ECON 201 Introduction to Macroeconomics, and junior standing.**Proposed Course:**Course Number: ECON 468Title of Course: Labor EconomicsCredit Hours: 3Prerequisite: ECON 200, ECON 201, and 55 hours completedCourse Description (as it will appear in the next catalog): Labor markets, as impacted by institutions (e.g., government) and social-cultural forces (e.g., discrimination). Labor market problems (e.g., unemployment) and corrective policies

(e.g., training and relocation). Provides insights on the strategic importance of labor markets in the health and vitality of society and the economy. Prerequisite: ECON 200 Principles of Microeconomics, ECON 201 Principles of Macroeconomics, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson *Kevin Buckner*
- ☒ Approved: College Curriculum Committee
Date 9/26/16 Signature, College Curriculum Committee Chair *ESG*
- ☒ Approved: Dean of College
Date 9/26/16 Signature, Dean *Paul Weigert*
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair *[Signature]*
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business
Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description

Existing Course:

Course Number: ECON 485

Title of Course: Industrial Organization

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and junior standing

Course Description (as it appears in the current catalog): An examination of structure, conduct and performance of American Industry using economic techniques of analysis. The course will also focus on history of anti-trust laws.

Prerequisites: ECON 200 Introduction to Microeconomics, ECON 201 Introduction to Macroeconomics and junior standing.

Proposed Course:

Course Number: ECON 485

Title of Course: Industrial Organization

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and 55 hours completed

Course Description (as it will appear in the next catalog): Focusing on anti-trust law using both historical and modern landmark cases, the course is an examination of the evolution of American industry in terms of market structure and the economics of anti-trust and regulation and/or deregulation. Possible topics include monopoly, oligopoly, determinants of market structure, mergers, price discrimination, product differentiation, predatory strategies, vertical and horizontal relationships between firms, regulation and deregulation, and anti-trust policy. Prerequisites: ECON 200 Principles of Microeconomics, ECON 201 Principles of Macroeconomics, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bruckley
- ☒ Approved: College Curriculum Committee
Date 10/21/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/21/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business
 Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval. In this course, the title of the course and course number were also changed.

Purpose/Justification for Revision to Course: Updating Course Description/Number. The numbering is to create a system of classification (300-level for the two required intermediate courses, 400-level for all electives, and 600-level for the senior-level required courses).

Existing Course:

Course Number: ECON 640

Title of Course: International Trade

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and junior standing

Course Description (as it appears in the current catalog): Theory of trade, payment mechanisms, exchange and trade controls, and international cooperation. Prerequisites: ECON 200 Introduction to Microeconomics, ECON 201 Introduction to Macroeconomics, and junior standing.

Proposed Course:

Course Number: ECON 440

Title of Course: International Economics

Credit Hours: 3

Prerequisite: ECON 200, ECON 201, and 55 hours completed

Course Description (as it will appear in the next catalog): Application of basic economic tools to understand and analyze international economic issues. Topics include analysis of causes and effects of foreign trade in products and factor services, commercial policy, economic integration, trade and development, and multilateral trade negotiations under WTO. Prerequisites: ECON 200 Principles of Microeconomics, ECON 201 Principles of Macroeconomics, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/14/16 Signature, Department Chairperson Kevin Bracher
- ☒ Approved: College Curriculum Committee
Date 10/22/16 Signature, College Curriculum Committee Chair Erin
- ☒ Approved: Dean of College
Date 10/22/16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business
Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description

Existing Course:

Course Number: ECON 665

Title of Course: Seminar in Applied Economics

Credit Hours: 3

Prerequisite: ECON 418, ECON 419, ECON 650 and 55 hours completed

Course Description (as it appears in the current catalog): This is a capstone course in economics. Emphasis is placed on the integration of the tools and concepts of microeconomics, macroeconomics, monetary economics, and international economics. Prerequisites: ECON 418 Intermediate Microeconomics, ECON 419 Intermediate Macroeconomics, ECON 650 Econometrics, and 55 hours completed.

Proposed Course:

Course Number: ECON 665

Title of Course: Seminar in Applied Economics

Credit Hours: 3

Prerequisite: ECON 318, ECON 319, ECON 650 and 55 hours completed

Course Description (as it will appear in the next catalog): This capstone course in economics is designed to help the student integrate the theories, concepts, and policies studied in core economics courses. The main objective is for the student to write a major research paper demonstrating his/her knowledge of economic principles and ability to apply and communicate that knowledge scientifically. Prerequisites: ECON 318 Intermediate Microeconomics, ECON 319 Intermediate Macroeconomics, ECON 650 Econometrics, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/14/16 Signature, Department Chairperson Kevin Brackley
- ☒ Approved: College Curriculum Committee
Date 10/26/16 Signature, College Curriculum Committee Chair TSY
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul W. Goff
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Request for New Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking

College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker

☐ Faculty member ☒ Chair

Is this new course proposal related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is proposed as part of a joint certification program across the Regents Universities within Kansas in the field of insurance. This program has been proposed in coordination with the Kansas Insurance Department and the Kansas Board of Regents. The intention is for each university to offer one or more courses in an online format that can be combined by students to earn a certificate in insurance.

Proposed Course:

Course Number: FIN 208

Title of Course: Introduction to Risk Management and Insurance

Credit Hours: 3

Date first offered: Summer 2017
(Semester/Year)

☒ Fall ☒ Spring ☒ Summer
(check all that apply)

Prerequisite: Math 143 Elementary Statistics, or one-year professional work experience in the insurance industry, or permission of instructor

Course Description (as it will appear in the next catalog): An introduction to the fields of risk management and insurance. The course will explore the nature of risk and how insurance contracts can be used in order to manage risk. Specific areas of insurance including life, property, casualty, and health will be introduced with the goal of addressing the special characteristics and issues of each area. Prerequisites: Math 143 Elementary Statistics, or one-year professional work experience in the insurance industry, or permission of instructor.

Purpose/Justification for Proposed Course: Insurance is an industry with substantial career opportunities nationally and within the state of Kansas. In addition, graduates need to be familiar with the role of risk management and insurance in order to be informed consumers. As such, this course will serve students both as a course which enhances their career development as well as enhances their life experience.

Objectives/Student Learning Outcomes (as it will appear in the syllabus)

Upon completion of this course, students should be able to:

Define and apply basic concepts of risk and insurance;

Identify and explain key topics in traditional risk management;

Identify and explain key areas of insurance including life, property, casualty, and health;

Apply basic concepts to their own risk management and insurance programs; and

Identify potential career paths in the insurance industry.

Assessment Strategies [e.g., exams, projects, university rubric, etc. (as it will appear in the syllabus)]
Exams, assignments, and pop quizzes (if taught face-to-face).

If you wish to attach a syllabus, you may attach it to the end of this document as part of the packet.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None beyond the current support already offered to online courses

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

4. Will this course be required of any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this course (e.g. staffing, equipment, etc.)?
\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-12-16 Signature, Department Chairperson Kevin Buckler
- ☒ Approved: College Curriculum Committee
Date 10/20/16 Signature, College Curriculum Committee Chair ESG
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul W. Gier
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for New Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and BankingCollege: Kelce College of BusinessSubmission Date: 10-21-2016Contact Person: Kevin Bracker☐ Faculty member ☒ Chair

Is this new course proposal related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is proposed as part of a joint certification program across the Regents Universities within Kansas in the field of insurance. This program has been proposed in coordination with the Kansas Insurance Department and the Kansas Board of Regents. The intention is for each university to offer one or more courses in an online format that can be combined by students to earn a certificate in insurance.

Proposed Course:

Course Number: FIN 210Title of Course: Financial PlanningCredit Hours: 3Date first offered: Summer 2018
(Semester/Year)☒ Fall ☒ Spring ☒ Summer
(check all that apply)

Prerequisite: 25 hours completed, or one-year professional work experience in the insurance industry, or permission of instructor

Course Description (as it will appear in the next catalog): An overview of issues facing individuals at various stages of preparing for a financially stable future. This includes, but is not limited to, personal financial statements and plans, personal taxes, major purchases, managing consumer credit, essentials of individual insurance coverage, investment choices, and retirement/estate planning. Prerequisites: Sophomore standing or one-year professional work experience or permission of instructor.

Purpose/Justification for Proposed Course: This course will serve three primary purposes. First, it is one of the courses we are including in our proposed Kansas Insurance Certificate program. Second, at a recent Kelce Board of Advisors meeting, two of our board members discussed the need for courses in the financial planning arena that are tied to potential job opportunities. Third, graduates need to be familiar with the role of financial planning in order to be informed consumers. As such, this course will serve students both as a course which enhances their career development as well as enhances their life experience.

Objectives/Student Learning Outcomes (as it will appear in the syllabus)

Upon completion of this course, students should be able to:

Identify and apply basic investment objectives;

Identify and explain characteristics of basic investment tools such as stocks, bonds and mutual funds;

Prepare personal taxes and identify basic personal tax strategies;

Identify and discuss central aspects of individual insurance coverage;

Identify and discuss key issues related to major purchases (such as auto or house); and

Identify and discuss key aspects of retirement/estate planning.

Assessment Strategies [e.g., exams, projects, university rubric, etc. (as it will appear in the syllabus)]

Exams, assignments, and quizzes.

If you wish to attach a syllabus, you may attach it to the end of this document as part of the packet.
--

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None beyond the current support already offered to online courses

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

4. Will this course be required of any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this course (e.g. staffing, equipment, etc.)?
Cost associated with hiring an adjunct professor and developing course. Note that initial funding for these costs is being met through a grant received from the Kansas Insurance Education Foundation.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-24-16 Signature, Department Chairperson Kevin Bracker
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 11/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business
Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description. Also, a prerequisite alternative was removed as it is no longer offered.

Existing Course:

Course Number: FIN 326

Title of Course: Business Finance

Credit Hours: 3

Prerequisite: ECON 200, ACCTG 202 or ACCTG 305, and 55 hours completed

Course Description (as it appears in the current catalog): The financial structure of business organization, capital structure, and methods of raising fixed or working capital, time value of money, principles of valuation, sources of long-term financing, risk-and-return analysis, financial statement analysis, and corporate financial decision-making.

Prerequisites: ECON 200 Introduction to Microeconomics, ACCTG 202 Managerial Accounting or ACCTG 305 Construction Accounting, and 55 hours completed.

Proposed Course:

Course Number: FIN 326

Title of Course: Business Finance

Credit Hours: 3

Prerequisite: ECON 200, ACCTG 202 and 55 hours completed

Course Description (as it will appear in the next catalog): Provides an overview of the tools and techniques that are used to make financial decisions. The emphasis is on the firm level, but application at the personal level is also addressed. Specific topics include, but are not limited to, financial statement analysis, time value of money, risk-and-return analysis, principles of valuation, financial securities and markets, and corporate financial decision-making. Prerequisites: ECON 200 Principles of Microeconomics, ACCTG 202 Managerial Accounting, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bracken
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair Forger
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul Wagner
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair Joe B.
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description and removed "permission of instructor" from prerequisites. The name was also changed from Investments to Investments I to be consistent with our FIN 624 course titled Investments II.

Existing Course:

Course Number: FIN 621

Title of Course: Investments

Credit Hours: 3

Prerequisite: FIN 326 and 55 hours completed

Course Description (as it appears in the current catalog): Functions and operations of security markets: problems of planning and managing investing programs for various types of investors. Prerequisite: FIN 326 Business Finance and 55 hours completed or permission of instructor.

Proposed Course:

Course Number: FIN 621

Title of Course: Investments I

Credit Hours: 3

Prerequisite: FIN 326 and 55 hours completed

Course Description (as it will appear in the next catalog): Provides an overview of the investment decision-making process. Topics include, but are not limited to: investment objectives, investment securities, principals of valuation, trading of securities, market regulations, and portfolio theory. Prerequisite: FIN 326 Business Finance and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-12-16 Signature, Department Chairperson Kevin Bracker
- ☒ Approved: College Curriculum Committee
Date 11/24/16 Signature, College Curriculum Committee Chair ESJ
- ☒ Approved: Dean of College
Date 11/24/16 Signature, Dean Paul W. Giff
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking

College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description and removed "permission of instructor" from prerequisites.

Existing Course:

Course Number: FIN 623

Title of Course: Financial Institutions and Markets

Credit Hours: 3

Prerequisite: FIN 326 and 55 hours completed

Course Description (as it appears in the current catalog): Policies, actions and corporate strategies of financial institutions: banks, insurance agencies, mutual funds and other financial intermediaries. Prerequisite: FIN 326 Business Finance and 55 hours completed or permission of instructor.

Proposed Course:

Course Number: FIN 623

Title of Course: Financial Institutions and Markets

Credit Hours: 3

Prerequisite: FIN 326 and 55 hours completed

Course Description (as it will appear in the next catalog): Provides an overview of the functions and operations of financial institutions and markets. Specific topics include, but are not limited to: determinants of interest rates, Federal Reserve System, security valuation, and financial market operations. Prerequisite: FIN 326 Business Finance and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bracker
- ☒ Approved: College Curriculum Committee
Date 10/26/16 Signature, College Curriculum Committee Chair Esger
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul W. Galt
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair Joseph R. [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business
Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description and removed "permission of instructor" from prerequisites.

Existing Course:

Course Number: FIN 624

Title of Course: Investments II

Credit Hours: 3

Prerequisite: FIN 621, MGMKT 320, and 55 hours completed

Course Description (as it appears in the current catalog): Analysis of derivatives, fixed income instruments, portfolio theory and equity valuation. Prerequisites: FIN 621 Investments, MGMKT 320 Business Statistics and 55 hours completed, or permission of instructor.

Proposed Course:

Course Number: FIN 624

Title of Course: Investments II

Credit Hours: 3

Prerequisite: FIN 621, MGMKT 320, and 55 hours completed

Course Description (as it will appear in the next catalog): Extends the analysis of investment securities and portfolio decisions that was initiated in FIN 621 Investments. Topics include, but are not limited to: analysis of options, futures, and convertible securities; applying the top-down investment analysis approach to equity valuation; the role of duration and convexity in bond analysis; asset pricing models; risk-adjusted performance evaluation; and behavioral finance. Prerequisites: FIN 621 Investments, MGMKT 320 Business Statistics, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bracken
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description.

Existing Course:

Course Number: FIN 625

Title of Course: International Finance

Credit Hours: 3

Prerequisite: ECON 201, FIN 326 and 55 hours completed

Course Description (as it appears in the current catalog): Foreign exchange markets, balance of payments, international investment and capital flows, as well as problems, policies and techniques for financial decision-making in a multinational environment. Pre-requisites: ECON 201 Introduction to Macroeconomics, FIN 326 Business Finance, and 55 hours completed.

Proposed Course:

Course Number: FIN 625

Title of Course: International Finance

Credit Hours: 3

Prerequisite: ECON 201, FIN 326 and 55 hours completed

Course Description (as it will appear in the next catalog): An overview of international investments, capital flows, financial markets, as well as policies and techniques used in financial decision-making in a multinational environment.
Prerequisites: ECON 201 Introduction to Macroeconomics, FIN 326 Business Finance, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/14/16 Signature, Department Chairperson Kevin Bracken
- ☒ Approved: College Curriculum Committee
Date 10/26/16 Signature, College Curriculum Committee Chair TSJ
- ☒ Approved: Dean of College
Date 10/26/16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description and removed "permission of instructor" from prerequisites.

Existing Course:

Course Number: FIN 627

Title of Course: Advanced Business Finance

Credit Hours: 3

Prerequisite: FIN 326, MGMKT 320 and 55 hours completed or permission of instructor

Course Description (as it appears in the current catalog): Analysis of financial problems, policies, planning and decision making. Financing current operations, long-term financing and special financial problems. Prerequisites: FIN 326 Business Finance, MGMKT 320 Business Statistics and 55 hours completed or permission of instructor.

Proposed Course:

Course Number: FIN 627

Title of Course: Advanced Business Finance

Credit Hours: 3

Prerequisite: FIN 326, MGMKT 320 and 55 hours completed

Course Description (as it will appear in the next catalog): An in-depth study of tools and techniques that are used in financial planning, decision-making, and analysis of financial policies. Prerequisites: FIN 326 Business Finance, MGMKT 320 Business Statistics and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Bracker
- ☒ Approved: College Curriculum Committee
Date 10/21/16 Signature, College Curriculum Committee Chair Tracy
- ☒ Approved: Dean of College
Date 10/21/16 Signature, Dean Paul Wagner
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Economics, Finance and Banking

College: Kelce College of Business

Submission Date: 9-12-2016

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Revision Effective: Fall 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall

☒ Spring

☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Faculty from the department that teach the courses have revised the course descriptions to update them. These revisions were circulated among all department faculty for review and approval.

Purpose/Justification for Revision to Course: Updating Course Description and removed "permission of instructor" from prerequisites.

Existing Course:

Course Number: FIN 631

Title of Course: Seminar in Financial Management

Credit Hours: 3

Prerequisite: FIN 621, FIN 623, FIN 627 and 55 hours completed or permission of instructor

Course Description (as it appears in the current catalog): This is a capstone course in finance one which culminates the course work for the major. Emphasis will be placed on the integration and application of concepts from financial management, investments/security and portfolio management, and institutions/banking, via case studies and computer-based models. Prerequisites: FIN 627 Advanced Business Finance, FIN 621 Investments, FIN 623 Financial Institutions and Markets and 55 hours completed or permission of instructor.

Proposed Course:

Course Number: FIN 631

Title of Course: Seminar in Financial Management

Credit Hours: 3

Prerequisite: FIN 621, FIN 623, FIN 627 and 55 hours completed

Course Description (as it will appear in the next catalog): Extends the study of tools and techniques used in corporate decision-making process initiated in FIN 627 Advanced Business Finance. Specific topics include, but are not limited to: capital structure, corporate financing decisions, working capital management, and mergers and acquisitions.
Prerequisites: FIN 621 Investments I, FIN 623 Financial Institutions and Markets, FIN 627 Advanced Business Finance, and 55 hours completed.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

\$0

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-12-16 Signature, Department Chairperson Kevin Brackin
- ☒ Approved: College Curriculum Committee
Date 10/24/16 Signature, College Curriculum Committee Chair ES
- ☒ Approved: Dean of College
Date 10/24/16 Signature, Dean Paul McGee
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Request for Revision to Curriculum

Revision for: ☐ Major ☒ Minor ☐ Emphasis ☐ Certificate

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Revision Effective: Fall, 2017
(Year)

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Name of Existing Major or Minor/Emphasis/Certificate: Economics

If proposing a name change to major or minor/emphasis/certificate, indicate Proposed Name Change:

Description of Change: Changing the requirements as part of the overall process of updating our department curriculum. The number of hours is being reduced from 21 to 15 and changing the course requirements.

Rationale for Change (include changes to curriculum objectives): The rationale for this change is to make the minor more manageable for students, increasing flexibility for students to choose from economics electives that are relevant to their personal and career interests, and update the minor to better reflect current economics curriculum.

Is this revision related to, and/or may affect, any degree program or minor/emphasis/certificate at any other Regent university?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation.

Our economics minor does not interact with any Regent universities.

Is this revision related to, and/or may affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

Our economics minor does not interact with any other programs within Pittsburg State (outside of some overlap with the Kelce College Core which will not be affected by these changes).

Existing Major or Minor/Emphasis/Certificate

Copy and paste the existing curriculum as it currently appears in the online catalog:

The minor in economics consists of 21 hours of economics including ECON 200 Introduction to Microeconomics and ECON 201 Introduction to Macroeconomics (other courses restricted to ECON 330, 418, 419, 465, 468, 485, 640, 650, and 693; these courses cannot be applied, or counted twice, as elective for another Kelce major program). One course in statistics may be applied to a minor in economics.

Proposed Major or Minor/Emphasis/Certificate:

List below, the proposed curriculum as you wish it to appear in the online catalog:

The minor in economics consists of 15 hours of economics including ECON 200 Principles of Microeconomics and ECON 201 Principles of Macroeconomics. The remaining 9 hours can be chosen from any ECON 300-level or higher course.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Will this revision have specific General Education courses required? ☐ Yes ☒ No
Please realize that it will need to gain approval of the General Education Committee.

4. Will this revision affect any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this modification (e.g. staffing, equipment, etc.)?
\$0

Additional Questions for certificate only:

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? (minimum of 24 hours) ☐ Yes ☐ No
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? ☐ Yes ☐ No

If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Financial Assistance to initiate Department of Education approval.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Karin Bracker
- ☒ Approved: College Curriculum Committee
Date 10-24-16 Signature, College Curriculum Committee Chair ESgo
- ☒ Approved: Dean of College
Date 10-24-16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12-1-16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☒ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____
- ☐ Final approved packet forwarded to Provost's office.
Date _____ Signature, Recording Secretary, Faculty Senate _____

Notification to COCAO/Kansas Board of Regents (if required): _____ Date: _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process. If COCAO/KBOR approval is required, questions should be directed to the Provost's administrative officer at x4113.

Originating Department(s): After completing this form, in its entirety, please upload it to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Following Faculty Senate Approval, SUBMIT (if required) SIGN-OFF SHEET AND FINAL COMPLETE PACKAGE, in electronic format, TO THE OFFICE OF THE PROVOST (220 RUSS HALL). Please check with the Provost's administrative officer at x4113 if unsure.

Please Note: This is at least a 2-3 month process from the time of first submission and is designed to eliminate concerns and questions at the beginning of the process. Any questions/concerns not addressed prior to the review by the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process, before it is sent (if required) to the Kansas Board of Regents, which may result in a delay in implementation.

Request for Revision to Curriculum

Revision for: ☒ Major ☐ Minor ☐ Emphasis ☐ Certificate

Department: Economics, Finance and Banking College: Kelce College of Business

Submission Date: 9-12-2016

Revision Effective: Fall, 2017
(Year)

Contact Person: Kevin Bracker ☐ Faculty member ☒ Chair

Name of Existing Major or Minor/Emphasis/Certificate: Economics

If proposing a name change to major or minor/emphasis/certificate, indicate Proposed Name Change:
Business Economics

Description of Change: Adding the term "Business" to the title of the major and reflecting introduction of new courses relating to economics electives.

Rationale for Change (include changes to curriculum objectives): We are in the process of updating our major to make it more current and consistent with progress in the field of economics in response to the program review process. Part of this process involves changing our course descriptions, updating some course titles, and adding new courses. We also feel that it is important to emphasize that our major has a business focus. This relates both to the curriculum itself as well as its connection to the Kelce Core (as all economics majors are required to complete a core set of general business courses as part of the degree program). This change will allow the major to better reflect the true nature of the degree and signal to both prospective students and employers that our economics major is rooted in the broader field of business. In addition to the name change, we are adding two elective courses – one in sustainability economics and one in sports economics.

Is this revision related to, and/or may affect, any degree program or minor/emphasis/certificate at any other Regent university?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation.

This change involves a name change for the major, introduction of two new courses for electives, and the elimination of one course which will not impact programs at other Regent universities.

Is this revision related to, and/or may affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This change involves a name change for the major, introduction of two new courses for electives, and the elimination of one course. The one course being eliminated (ECON 465 Collective Bargaining) is currently an elective within the management major. We are hoping that one of our new electives may be of interest as a potential substitute. In addition, the Kelce College Core is being modified to change the economics requirement which is reflected in this new program. This modification has already been approved by the Kelce faculty. Outside of these issues, there should be no impact on other Pittsburg State programs unless they want to adopt one of the new electives for their programs.

Existing Major or Minor/Emphasis/Certificate

Copy and paste the existing curriculum as it currently appears in the online catalog:

- ☐ Basic Skills (15 hours)
- ☐ COMM-207: Speech Communication (3 hours)
- ☐ ENGL-101: English Composition (3 hours)
- ☐ ENGL-190: Honors English Composition (3 hours)
- OR ENGL-299: Introduction to Research Writing (3 hours)
- ☐ MATH-113: College Algebra (3 hours)
- ☐ MATH-143: Elementary Statistics (3 hours)
- ☐ General Education Electives (38-42 hours)
- ☐ Sciences (8-9 hours)
- ☐ Natural Sciences (Select one)
- ☐ BIOL-111: General Biology (3 hours)
- AND BIOL-112: General Biology Laboratory (2 hours)
- ☐ BIOL-113: Environmental Life Science (4 hours)
- ☐ BIOL-211: Principles of Biology I (4 hours)
- ☐ Physical Sciences (Select one)
- ☐ CHEM-105: Introductory Chemistry (3 hours)
- AND CHEM-106: Introductory Chemistry Laboratory (1 hours)
- ☐ CHEM-107: Chemistry for the Life Sciences (3 hours)
- AND CHEM-108: Chemistry for the Life Sciences Laboratory (1 hours)
- ☐ PHYS-160: Physical Geology (3 hours)
- AND PHYS-165: Physical Geology Laboratory (1 hours)
- ☐ PHYS-166: Meteorology (3 hours)
- AND PHYS-167: Meteorology Laboratory (1 hours)
- ☐ PHYS-171: Physical Science (3 hours)
- AND PHYS-172: Physical Science Laboratory (1 hours)
- ☐ PHYS-175: Descriptive Astronomy (3 hours)
- AND PHYS-176: Astronomy Laboratory (1 hours)
- ☐ PHYS-375: Solar System Astronomy (3 hours)
- AND PHYS-176: Astronomy Laboratory (1 hours)
- ☐ Social Studies (Select one) (3 hours)
- ☐ SOC-100: Introduction to Sociology (3 hours)
- ☐ WGS-200: Introduction to Women's Studies (3 hours)
- ☐ Political Studies (Select one) (3 hours)
- ☐ POLS-101: U.S. Politics (3 hours)
- ☐ POLS-103: Comparative Political Institutions (3 hours)
- ☐ Producing and Consuming (9 hours)
- ☐ ECON-200: Introduction to Microeconomics (3 hours)
- ☐ ECON-201: Introduction to Macroeconomics (3 hours)
- ☐ CIS-130: Computer Information Systems (3 hours)
- ☐ Fine Arts and Aesthetic Studies (select one) (2-3 hours)
- ☐ ART-155: Printmaking and Paper Arts (3 hours)
- ☐ ART-178: Introduction to the Visual Arts (3 hours)
- ☐ ART-188: The Designed World (3 hours)
- ☐ ART-217: Crafts I (3 hours)
- ☐ ART-222: Jewelry Design I (3 hours)
- ☐ ART-233: Drawing I (3 hours)
- ☐ ART-244: Ceramics I (3 hours)
- ☐ ART-266: Sculpture I (3 hours)
- ☐ ART-277: Painting I (3 hours)
- ☐ ART-288: Introduction to Art History I (3 hours)

- ART-289: Introduction to Art History II (3 hours)
- ART-311: Art Education (3 hours)
- ART-351: Printmaking, Papermaking, Bookarts and the Letterpress (3 hours)
- ART-430: Automotive: Art and Design (3 hours)
- COMM-105: Performance Appreciation (3 hours)
- COMM-205: Performance Studies (3 hours)
- COMM-295: Theatre History (____) (3 hours)
- ENGL-250: Introduction to Creative Writing (3 hours)
- HHP-151: Dance Appreciation (3 hours)
- MUSIC-120: Music Appreciation (____) (3 hours)
- MUSIC-121: Introduction to Music Literature (2 hours)
- Cultural Studies (Select one) (3 hours)
- ANTH-101: Introduction to Cultural Anthropology (3 hours)
- MLL-114: Chinese Language and Culture I (3 hours)
- MLL-124: French Language and Culture I (3 hours)
- MLL-154: Spanish Language and Culture I (3 hours)
- MLL-184: Russian Language and Culture I (3 hours)
- MLL-194: Korean Language and Culture I (3 hours)
- GEOG-106: World Regional Geography (3 hours)
- GEOG-300: Elements of Geography (3 hours)
- GEOG-304: Human Geography (3 hours)
- WGS-399: Global Women's Issues (3 hours)
- Health and Well Being (4-6 hours)
- Psychological
- PSYCH-155: General Psychology (3 hours)
- Physical (Select one)
- FCS-203: Nutrition and Health (3 hours)
- FCS-301: Nutrition (3 hours)
- HHP-150: Lifetime Fitness Concepts (1 hours)
- NURS-303: Introduction to Public Health (3 hours)
- Human Heritage (Select one from two of the following three categories) (6 hours)
- History
- HIST-101: World History to 1500 (3 hours)
- HIST-102: World History from 1500 (3 hours)
- HIST-201: American History to 1865 (3 hours)
- HIST-202: American History from 1865 (3 hours)
- Literature
- ENGL-113: General Literature (3 hours)
- ENGL-114: General Literature (Genre) (3 hours)
- ENGL-116: General Literature (Theme) (3 hours)
- ENGL-120: Literature and Film (3 hours)
- ENGL-315: Mythology (3 hours)
- ENGL-320: Literature and Film (3 hours)
- Philosophy
- PHIL-103: Introduction to Philosophy (3 hours)
- PHIL-105: Ethics (3 hours)
- PHIL-111: Ethics: Applied Emphasis (____) (3 hours)
- PHIL-112: Biomedical Ethics (3 hours)
- PHIL-113: Business Ethics (3 hours)
- PHIL-114: Environmental Ethics (3 hours)
- PHIL-207: Critical Thinking (3 hours)

- ☐ PHIL-208: Logic (3 hours)
- ☐ PHIL-231: World Religions (3 hours)
- ☐ Kelce College Core
- ☐ ACCTG-201: Financial Accounting (3 hours)
- ☐ ACCTG-202: Managerial Accounting (3 hours)
- ☐ MGMKT-310: Basic Quantitative Business Methods (3 hours)
- ☐ MGMKT-320: Business Statistics (3 hours)
- ☐ FIN-326: Business Finance (3 hours)
- ☐ MGMKT-327: Management and Organizational Behavior (3 hours)
- ☐ MGMKT-330: Principles of Marketing (3 hours)
- ☐ MGMKT-444: Legal and Social Environment of Business (3 hours)
- ☐ MGMKT-477: Quantitative Decision Making (3 hours)
- ☐ MGMKT-626: Operations Management (3 hours)
- ☐ MGMKT-645: Business Strategy (3 hours)
- ☐ ECON- Three hours selected from
- ☐ ECON-330: Money and Banking (3 hours)
- ☐ ECON-418: Intermediate Microeconomics (3 hours)
- ☐ ECON-419: Intermediate Macroeconomics (3 hours)
- ☐ ECON-640: International Trade (3 hours)
- ☐ Three hours selected from
- ☐ CIS-420: Management Information Systems (3 hours)
- ☐ ACCTG-420: Information Technology and Accounting Systems (3 hours)

ACCTG 420 is restricted to students with a second major in Accounting or a minor in Accounting.

- ☐ Major selected from the following
- ☐ Major in Economics (18 hours)
- ☐ ECON-418: Intermediate Microeconomics (3 hours)
- ☐ ECON-419: Intermediate Macroeconomics (3 hours)
- ☐ ECON-650: Econometrics (3 hours)
- ☐ ECON-665: Seminar in Applied Economics (3 hours)
- ☐ Electives in Economics (Restricted to ECON 330, 465, 468, 485, and 640; ECON 330 or ECON 640 cannot be applied here if taken under Kelce College Core (6 hours)
- ☐ Major in Finance (18 hours)
- ☐ FIN-621: Investments (3 hours)
- ☐ FIN-623: Financial Institutions and Markets (3 hours)
- ☐ FIN-627: Advanced Business Finance (3 hours)
- ☐ FIN-631: Seminar in Financial Management (3 hours)
- ☐ Three hours selected from
- ☐ FIN-624: Investments II (3 hours)
- ☐ FIN-625: International Finance (3 hours)
- ☐ ECON-650: Econometrics (3 hours)
- ☐ Three hours selected from
- ☐ ACCTG-315: Intermediate Managerial Accounting (3 hours)
- ☐ ACCTG-318: Intermediate Financial Accounting I (3 hours)

Proposed Major or Minor/Emphasis/Certificate:

List below, the proposed curriculum as you wish it to appear in the online catalog:

- ☐ Basic Skills (15 hours)
- ☐ COMM-207: Speech Communication (3 hours)

- ☐ ENGL-101: English Composition (3 hours)
- ☐ ENGL-190: Honors English Composition (3 hours)
- OR ENGL-299: Introduction to Research Writing (3 hours)
- ☐ MATH-113: College Algebra (3 hours)
- ☐ MATH-143: Elementary Statistics (3 hours)
- ☐ General Education Electives (38-42 hours)
- ☐ Sciences (8-9 hours)
- ☐ Natural Sciences (Select one)
- ☐ BIOL-111: General Biology (3 hours)
- AND BIOL-112: General Biology Laboratory (2 hours)
- ☐ BIOL-113: Environmental Life Science (4 hours)
- ☐ BIOL-211: Principles of Biology I (4 hours)
- ☐ Physical Sciences (Select one)
- ☐ CHEM-105: Introductory Chemistry (3 hours)
- AND CHEM-106: Introductory Chemistry Laboratory (1 hours)
- ☐ CHEM-107: Chemistry for the Life Sciences (3 hours)
- AND CHEM-108: Chemistry for the Life Sciences Laboratory (1 hours)
- ☐ PHYS-160: Physical Geology (3 hours)
- AND PHYS-165: Physical Geology Laboratory (1 hours)
- ☐ PHYS-166: Meteorology (3 hours)
- AND PHYS-167: Meteorology Laboratory (1 hours)
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- AND PHYS-172: Physical Science Laboratory (1 hours)
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- AND PHYS-176: Astronomy Laboratory (1 hours)
- ☐ PHYS-375: Solar System Astronomy (3 hours)
- AND PHYS-176: Astronomy Laboratory (1 hours)
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- ☐ SOC-100: Introduction to Sociology (3 hours)
- ☐ WGS-200: Introduction to Women's Studies (3 hours)
- ☐ Political Studies (Select one) (3 hours)
- ☐ POLS-101: U.S. Politics (3 hours)
- ☐ POLS-103: Comparative Political Institutions (3 hours)
- ☐ Producing and Consuming (9 hours)
- ☐ ECON-200: Principles of Microeconomics (3 hours)
- ☐ ECON-201: Principles of Macroeconomics (3 hours)
- ☐ CIS-130: Computer Information Systems (3 hours)
- ☐ Fine Arts and Aesthetic Studies (select one) (2-3 hours)
- ☐ ART-155: Printmaking and Paper Arts (3 hours)
- ☐ ART-178: Introduction to the Visual Arts (3 hours)
- ☐ ART-188: The Designed World (3 hours)
- ☐ ART-217: Crafts I (3 hours)
- ☐ ART-222: Jewelry Design I (3 hours)
- ☐ ART-233: Drawing I (3 hours)
- ☐ ART-244: Ceramics I (3 hours)
- ☐ ART-266: Sculpture I (3 hours)
- ☐ ART-277: Painting I (3 hours)
- ☐ ART-288: Introduction to Art History I (3 hours)
- ☐ ART-289: Introduction to Art History II (3 hours)
- ☐ ART-311: Art Education (3 hours)
- ☐ ART-351: Printmaking, Papermaking, Bookarts and the Letterpress (3 hours)

- ☐ ART-430: Automotive: Art and Design (3 hours)
- ☐ COMM-105: Performance Appreciation (3 hours)
- ☐ COMM-205: Performance Studies (3 hours)
- ☐ COMM-295: Theatre History (____) (3 hours)
- ☐ ENGL-250: Introduction to Creative Writing (3 hours)
- ☐ HHP-151: Dance Appreciation (3 hours)
- ☐ MUSIC-120: Music Appreciation (____) (3 hours)
- ☐ MUSIC-121: Introduction to Music Literature (2 hours)
- ☐ Cultural Studies (Select one) (3 hours)
- ☐ ANTH-101: Introduction to Cultural Anthropology (3 hours)
- ☐ MLL-114: Chinese Language and Culture I (3 hours)
- ☐ MLL-124: French Language and Culture I (3 hours)
- ☐ MLL-154: Spanish Language and Culture I (3 hours)
- ☐ MLL-184: Russian Language and Culture I (3 hours)
- ☐ MLL-194: Korean Language and Culture I (3 hours)
- ☐ GEOG-106: World Regional Geography (3 hours)
- ☐ GEOG-300: Elements of Geography (3 hours)
- ☐ GEOG-304: Human Geography (3 hours)
- ☐ WGS-399: Global Women's Issues (3 hours)
- ☐ Health and Well Being (4-6 hours)
- ☐ Psychological
- ☐ PSYCH-155: General Psychology (3 hours)
- ☐ Physical (Select one)
- ☐ FCS-203: Nutrition and Health (3 hours)
- ☐ FCS-301: Nutrition (3 hours)
- ☐ HHP-150: Lifetime Fitness Concepts (1 hours)
- ☐ NURS-303: Introduction to Public Health (3 hours)
- ☐ Human Heritage (Select one from two of the following three categories) (6 hours)
- ☐ History
- ☐ HIST-101: World History to 1500 (3 hours)
- ☐ HIST-102: World History from 1500 (3 hours)
- ☐ HIST-201: American History to 1865 (3 hours)
- ☐ HIST-202: American History from 1865 (3 hours)
- ☐ Literature
- ☐ ENGL-113: General Literature (3 hours)
- ☐ ENGL-114: General Literature (Genre) (3 hours)
- ☐ ENGL-116: General Literature (Theme) (3 hours)
- ☐ ENGL-120: Literature and Film (3 hours)
- ☐ ENGL-315: Mythology (3 hours)
- ☐ ENGL-320: Literature and Film (3 hours)
- ☐ Philosophy
- ☐ PHIL-103: Introduction to Philosophy (3 hours)
- ☐ PHIL-105: Ethics (3 hours)
- ☐ PHIL-111: Ethics: Applied Emphasis (____) (3 hours)
- ☐ PHIL-112: Biomedical Ethics (3 hours)
- ☐ PHIL-113: Business Ethics (3 hours)
- ☐ PHIL-114: Environmental Ethics (3 hours)
- ☐ PHIL-207: Critical Thinking (3 hours)
- ☐ PHIL-208: Logic (3 hours)
- ☐ PHIL-231: World Religions (3 hours)
- ☐ Kelce College Core

- ☐ ACCTG-201: Financial Accounting (3 hours)
- ☐ ACCTG-202: Managerial Accounting (3 hours)
- ☐ MGMKT-310: Basic Quantitative Business Methods (3 hours)
- ☐ MGMKT-320: Business Statistics (3 hours)
- ☐ FIN-326: Business Finance (3 hours)
- ☐ MGMKT-327: Management and Organizational Behavior (3 hours)
- ☐ MGMKT-330: Principles of Marketing (3 hours)
- ☐ MGMKT-444: Legal and Social Environment of Business (3 hours)
- ☐ MGMKT-477: Quantitative Decision Making (3 hours)
- ☐ MGMKT-626: Operations Management (3 hours)
- ☐ MGMKT-645: Business Strategy (3 hours)
- ☐ ECON- Any upper-level ECON elective (300 or above) (3 hours)
- ☐ Three hours selected from
- ☐ CIS-420: Management Information Systems (3 hours)
- ☐ ACCTG-420: Information Technology and Accounting Systems (3 hours)

ACCTG 420 is restricted to students with a second major in Accounting or a minor in Accounting.

- ☐ Major selected from the following
- ☐ Major in Economics (18 hours)
- ☐ ECON-318: Intermediate Microeconomics (3 hours)
- ☐ ECON-319: Intermediate Macroeconomics (3 hours)
- ☐ ECON-650: Econometrics (3 hours)
- ☐ ECON-665: Seminar in Applied Economics (3 hours)
- ☐ Electives in Economics (Restricted to ECON 430, 433, 437, 440, 468, 485, and 693) (6 hours)

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Will this revision have specific General Education courses required? ☐ Yes ☒ No
Please realize that it will need to gain approval of the General Education Committee.

4. Will this revision affect any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this modification (e.g. staffing, equipment, etc.)?
\$0

Additional Questions for certificate only:

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? (minimum of 24 hours) ☐ Yes ☐ No
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? ☐ Yes ☐ No

If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Financial Assistance to initiate Department of Education approval.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9-14-16 Signature, Department Chairperson Kevin Brackley
- ☒ Approved: College Curriculum Committee
Date 10/21/16 Signature, College Curriculum Committee Chair Erigo
- ☒ Approved: Dean of College
Date 10/21/16 Signature, Dean Paul W. Gies
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair James J. ...
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____
- ☐ Final approved packet forwarded to Provost's office.
Date _____ Signature, Recording Secretary, Faculty Senate _____

Notification to COCAO/Kansas Board of Regents (if required): Date: _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process. If COCAO/KBOR approval is required, questions should be directed to the Provost's administrative officer at x4113.

Originating Department(s): After completing this form, in its entirety, please upload it to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Following Faculty Senate Approval, SUBMIT (if required) SIGN-OFF SHEET AND FINAL COMPLETE PACKAGE, in electronic format, TO THE OFFICE OF THE PROVOST (220 RUSS HALL). Please check with the Provost's administrative officer at x4113 if unsure.

Please Note: This is at least a 2-3 month process from the time of first submission and is designed to eliminate concerns and questions at the beginning of the process. Any questions/concerns not addressed prior to the review by the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process, before it is sent (if required) to the Kansas Board of Regents, which may result in a delay in implementation.

Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: Health, Human Performance & RecreationCollege: EducationSubmission Date: 9-20-16Contact Person: Dr. John Oppliger☐ Faculty member ☒ ChairRevision Effective: Spring 2017 (Semester/Year)

Offered: (check all that apply)

☒ Fall☒ Spring☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*This class is being offered as an elective to students who select a minor or certificate in Dance as well as students majoring in Physical Education. This class is also available for elementary education majors interested in rhythms and dance.Purpose/Justification for Revision to Course: Pre-requisite and permission of instructor are no longer required for this course.**Existing Course:**Course Number: HHP 347Title of Course: Elementary Games and Rhythms for K-6Credit Hours: 2Prerequisite: HHP 341 - Elementary School Physical Education and Health and permission of instructorCourse Description (as it appears in the current catalog): Study and practice in conducting games, health, and rhythmic activities along with supervised laboratory experiences for students of physical education, and/or elementary education.Prerequisites: HHP 341 Elementary School Physical Education and Health and permission of instructor.**Proposed Course:**Course Number: SameTitle of Course: SameCredit Hours: SamePrerequisite: None

Course Description (as it will appear in the next catalog): Study and practice in conducting games, and rhythmic activities along with supervised laboratory experiences for students of dance, physical education, and/or elementary education.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☒ Yes ☐ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/20/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 11/1/16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 11/1/16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☒ Approved: Council for Teacher Education (if applicable)
Date 11/2/16 Signature, Council for Teacher Education Chair [Signature]
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☐ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 144 is a required course for EET majors and EET minors, no one else takes this course.

Purpose/Justification for Revision to Course: This is a change in prerequisites. The change is to ensure that student have the mathematical abilities to function in this course.

Existing Course:

Course Number: EET 144Title of Course: D.C. Circuit Analysis MethodsCredit Hours: 3

Prerequisite: EET 100 Prolog to Electronics. Recommended Prerequisites: MATH 113 College Algebra or MATH 110 College Algebra with Review or MATH 126 Pre-Calculus.

Course Description (as it appears in the current catalog): (2 hours lecture, 2 hours laboratory). Methods and mathematical techniques of analyzing DC circuits, Kirchoff's Laws, Thevenin, Norton, superposition and maximum power transfer theorems. Branch, mesh, and nodal analysis. Prerequisite: EET 100 Prolog to Electronics. Recommended Prerequisites: MATH 113 College Algebra or MATH 110 College Algebra with Review or MATH 126 Pre-Calculus.

Proposed Course:

Course Number: EET 144Title of Course: D.C. Circuit Analysis MethodsCredit Hours: 3

Prerequisite: EET 100 Prolog to Electronics and one of the following; MATH 113 College Algebra or MATH 110 College Algebra with Review or MATH 126 Pre-Calculus or MATH 150 Calculus I.

Course Description (as it will appear in the next catalog): (2 hours lecture, 2 hours laboratory). Methods and mathematical techniques of analyzing DC circuits, Kirchoff's Laws, Thevenin, Norton, superposition and maximum power transfer theorems. Branch, mesh, and nodal analysis. Prerequisite: EET 100 Prolog to Electronics and one of the following; MATH 113 College Algebra or MATH 110 College Algebra with Review or MATH 126 Pre-Calculus or MATH 150 Calculus I.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☐ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 299 is a required course for only Electronics Engineering Technology majors. No one else is required to take this course.

Purpose/Justification for Revision to Course: This is a change in prerequisites. The change is to ensure that student have had all material that is covered in the assessment in this course.

Existing Course:

Course Number: EET 299Title of Course: Electronics Core ExamCredit Hours: 1Prerequisite: EET 245 Electronic Devices and Circuits, EET 246 A.C. Circuit Analysis Methods and MATH 150 Calculus I

Course Description (as it appears in the current catalog): (1 hour lecture). Comprehensive examination of electronics fundamentals. Includes DC and AC analysis, basic logic circuits, basic semiconductor devices, and mathematics through Calculus I. Exam must be passed prior to taking upper division courses. Prerequisites: EET 245 Electronic Devices and Circuits, EET 246 A.C. Circuit Analysis Methods and MATH 150 Calculus I.

Proposed Course:

Course Number: EET 299Title of Course: Electronics Core ExamCredit Hours: 1

Prerequisite: EET 245 Electronic Devices and Circuits, EET 246 A.C. Circuit Analysis Methods, EET 244 Logic Circuits and MATH 150 Calculus I

Course Description (as it will appear in the next catalog): (1 hour lecture). Comprehensive examination of electronics fundamentals. Includes DC and AC analysis, basic logic circuits, basic semiconductor devices, and mathematics through Calculus I. Exam must be passed prior to taking upper division courses. Prerequisites: EET 245 Electronic Devices and Circuits, EET 246 A.C. Circuit Analysis Methods, EET 244 Logic Circuits and MATH 150 Calculus I.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

_____ *Please realize that it will need to gain approval of the General Education Committee.*

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☒ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 340 is a course taken by all programs in the Engineering Technology department. The additional option being added to the prerequisites will make it easier for students to enroll in this course.

Purpose/Justification for Revision to Course: This is a change in prerequisites for one course. This change will give students an optional paths to take to get enrolled in the course. For EET Students, they will have logic circuits. Mechanical majors will have the option of having Physics II.

Existing Course:

Course Number: EET 340Title of Course: Introduction to Industrial AutomationCredit Hours: 3

Prerequisite: EET 100 Prolog to Electronics or EET 141 Introductory Electronics for non-majors or GT 249 Fundamentals of Electricity/Electronics for non-majors.

Course Description (as it appears in the current catalog): (2 hours lecture, 2 hours laboratory). Industry standard automation concepts based on PLCs and other hardware. Terminology, symbolism, relay and ladder logic, hardware configuration, inputs (switches, software data and transducers), outputs (digital, analog, I/O panels and actuators), PLC programming and theory of hardware interfacing. Laboratory includes real world exercises and simulations.

Prerequisite: EET 100 Prolog to Electronics or EET 141 Introductory Electronics for non-majors or GT 249 Fundamentals of Electricity/Electronics for non-majors.

Proposed Course:

Course Number: EET 340Title of Course: Introduction to Industrial AutomationCredit Hours: 3

Prerequisite: EET 141 Introductory Electronics or EET 100 Prolog to Electronics or PHYS 101 College Physics II or PHYS 105 Engineering Physics II.

Course Description (as it will appear in the next catalog): ((2 hours lecture, 2 hours laboratory). Industry standard automation concepts based on PLCs and other hardware. Terminology, symbolism, relay and ladder logic, hardware configuration, inputs (switches, software data and transducers), outputs (digital, analog, I/O panels and actuators), PLC programming and theory of hardware interfacing. Laboratory includes real world exercises and simulations.

Prerequisite: EET 141 Introductory Electronics or EET 100 Prolog to Electronics or PHYS 101 College Physics II or PHYS 105 Engineering Physics II.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
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Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Clark Shaver

From: Bob Susnik <rsusnik@pittstate.edu>
Sent: Saturday, September 17, 2016 10:54 AM
To: David Miller
Cc: Clark Shaver; Jacob Lehman; Greg Murray; Ronny Galloway
Subject: Re: EET340 - Intro to Automation

We take the 141 class, so there should be no problem!
Bob...

From: "David Miller" <djmiller@pittstate.edu>
To: "Clark Shaver" <cshaver@pittstate.edu>
Cc: "Jacob Lehman" <jlehman@pittstate.edu>, "Bob Susnik" <rsusnik@pittstate.edu>, "Greg Murray" <gmurray@pittstate.edu>, "Ronny Galloway" <rgalloway@pittstate.edu>
Sent: Saturday, September 17, 2016 3:57:59 AM
Subject: Re: EET340 - Intro to Automation

I don't see a problem for MECET.

David Miller, PhD
Associate Professor
Mechanical Engineering Technology
Pittsburg State University
W224c KTC, 1701 South Broadway
Pittsburg, KS 66762-7565
P: (620) 235-6115 F: (620) 235-4004
djmiller@pittstate.edu

On Sep 16, 2016, at 12:58 PM, Clark Shaver <cshaver@pittstate.edu> wrote:

Gentlemen,

There was a minor change in what I sent out before in one of the course changes. Attached is the EET 340 course change. It is a change in Prerequisites. The new prereqs include, EET 141 – Intro to Electronics, EET 100 Prolog to Electronics or Physics II. This should allow students from all majors a path to enroll in this course. Since this will affect each area, except for Ronny, please let me know your thoughts about this change.

Clark D. Shaver, PE
Associate Professor
Electronics Engineering Technology
Pittsburg State University
620.235.4357

**No Trees were harmed in the sending of this message, but a large number of electrons were terribly inconvenienced.*

<EET340_New_Prerequisite.docx>

Clark Shaver

From: Jacob Lehman <jlehman@pittstate.edu>
Sent: Friday, September 16, 2016 1:27 PM
To: Clark Shaver
Cc: David Miller; Bob Susnik; Greg Murray; Ronny Galloway
Subject: Re: EET340 - Intro to Automation

Ok by me.

Jacob Lehman

Sent from my iPhone

On Sep 16, 2016, at 12:58 PM, Clark Shaver <cshaver@pittstate.edu> wrote:

Gentlemen,

There was a minor change in what I sent out before in one of the course changes. Attached is the EET 340 course change. It is a change in Prerequisites. The new prereqs include, EET 141 – Intro to Electronics, EET 100 Prolog to Electronics or Physics II. This should allow students from all majors a path to enroll in this course. Since this will affect each area, except for Ronny, please let me know your thoughts about this change.

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

**No Trees were harmed in the sending of this message, but a large number of electrons were terribly inconvenienced.*

<EET340_New_Prerequisite.docx>

Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☐ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 341 is an upper division course for Electronics Engineering Technology students.

Purpose/Justification for Revision to Course: This is a change in prerequisites for one course. This change will reflect the required knowledge needed for this course without adding undue burden to student scheduling. It will also account for a new course MATH-154 Engineering Calc II, which will serve as an equivalent (for EET) to MATH 155- Calc II

Existing Course:

Course Number: EET 341Title of Course: Signals and SystemsCredit Hours: 3Prerequisite: MATH 155 Calculus II and EET 299 Electronics Core Exam

Course Description (**as it appears in the current catalog**): (2 hours lecture, 2 hours laboratory). Transfer Functions and their applications. Convolution and signal analysis in the frequency and Z domain. Laplace, Fourier and Z transforms and their applications. Prerequisites: MATH 155 Calculus II, EET 299 Electronics Core Exam.

Proposed Course:

Course Number: EET 341Title of Course: Signals and SystemsCredit Hours: 3Prerequisite: EET 246 AC Circuit Analysis Methods and either MATH 155 Calculus II or MATH 154 Engineering Calculus II

Course Description (**as it will appear in the next catalog**): (2 hours lecture, 2 hours laboratory). Transfer Functions and their applications. Convolution and signal analysis in the frequency and Z domain. Laplace, Fourier and Z transforms and

their applications. Prerequisites: EET 246 AC Circuit Analysis Methods and either MATH 155 Calculus II or MATH 154 Engineering Calculus II.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 11/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☐ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 344 is an upper division course for Electronics Engineering Technology students.

Purpose/Justification for Revision to Course: This is a change in prerequisites for one course. This change will reflect the required knowledge needed for this course without adding undo burden to student scheduling.

Existing Course:Course Number: EET 344Title of Course: Microcomputer SystemsCredit Hours: 3Prerequisite: EET 299 Electronics Core Exam

Course Description (as it appears in the current catalog): {2 hours lecture, 2 hours laboratory}. Theory of computer and microcomputer architecture. Experimentation with and applications of MPS's, ROM's, RAM's, PROM's, and I/O devices, both hardware and programming. Prerequisite: EET 299 Electronics Core Exam.

Proposed Course:Course Number: EET 344Title of Course: Microcomputer SystemsCredit Hours: 3Prerequisite: EET 244 Logic Circuits

Course Description (as it will appear in the next catalog): {2 hours lecture, 2 hours laboratory}. Theory of computer and microcomputer architecture. Experimentation with and applications of MPS's, ROM's, RAM's, PROM's, and I/O devices, both hardware and programming. Prerequisite: EET 244 Logic Circuits.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

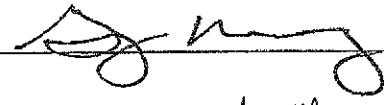
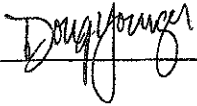
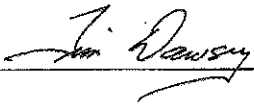
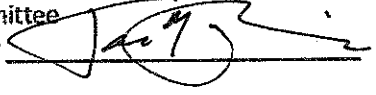
2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson 
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair 
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean 
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair 
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☐ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 349 is an upper division course for Electronics Engineering Technology students.

Purpose/Justification for Revision to Course: This is a change in prerequisites, a course description change and a course title change. The content of the course will not change. The title and description will now reflect what is being taught. The prerequisite change will reflect the required knowledge needed for this course without adding undo burden to student scheduling.

Existing Course:

Course Number: EET 349Title of Course: Linear Integrated CircuitsCredit Hours: 3Prerequisite: EET 299 Electronics Core Exam

Course Description (as it appears in the current catalog): (2 hours lecture, 2 hours laboratory). Theory of operation and applications of analog integrated circuits. Laboratory experience includes circuits using operational amplifiers, phase locked loops and timers. Prerequisite: EET 299 Electronics Core Exam.

Proposed Course:

Course Number: EET 349Title of Course: Analog Integrated CircuitsCredit Hours: 3Prerequisite: EET 245 Electronic Devices and Circuits, EET 246 AC Circuit Analysis Methods and MATH 150 Calculus I

Course Description (as it will appear in the next catalog): (2 hours lecture, 2 hours laboratory). Theory of operation and application of circuits for processing analog signals. Laboratory experience includes operational amplifier circuits, filters, comparators and oscillators. Prerequisite: EET 245 Electronic Devices and Circuits, EET 246 AC Circuit Analysis Methods, and MATH 150 Calculus I.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 2/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☐ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 448 is an upper division course for Electronics Engineering Technology students and an emphasis course for some MECET majors.

Purpose/Justification for Revision to Course: This is a change in prerequisites for one course. Prior to this change, EET majors had a far deeper understanding of the topics discussed, while MECET students struggled. This will put all students with the same base knowledge going into the class and will eliminate superfluous prerequisites for EET students.

Existing Course:

Course Number: EET 448Title of Course: Network SystemsCredit Hours: 3Prerequisite: EET 299 Electronics Core Exam or EET 141 Introductory Electronics for Non-EET majors

Course Description (as it appears in the current catalog): (2 hours lecture, 2 hours laboratory). Theory and experimentation with the basic components of local and wide area networking. Includes cabling systems, protocols, operating systems, and interconnecting strategies. Investigations into the use of personal computers in network systems will also be performed. Prerequisite: EET 299 Electronics Core Exam or EET 141 Introductory Electronics for Non-EET majors.

Proposed Course:

Course Number: EET 448Title of Course: Network SystemsCredit Hours: 3

Prerequisite: EET 244 Logic Circuits

Course Description (as it will appear in the next catalog): (2 hours lecture, 2 hours laboratory). Theory and experimentation with the basic components of local and wide area networking. Includes cabling systems, protocols, operating systems, and interconnecting strategies. Investigations into the use of personal computers in network systems will also be performed. Prerequisite: EET 244 Logic Circuits

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
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Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Clark Shaver

From: David Miller <djmiller@pittstate.edu>
Sent: Saturday, September 17, 2016 3:57 AM
To: Greg Murray
Cc: Clark Shaver
Subject: Re: EET 546 & EET 448

Here is the MECET emphasis breakdown with hours tabulated (ignore all the sheets except for Emphasis Recommended Sequence - I can't figure out how to delete them from my iPad). I have assumed that all tech electives are 300+, but that is not a significant change from (at least my) current advising policy.

I agree, Clark, that it should not present a problem as long as the classes are offered at the same times as they have been historically.

David Miller, PhD
Associate Professor
Mechanical Engineering Technology
Pittsburg State University
W224c KTC, 1701 South Broadway
Pittsburg, KS 66762-7565
P: (620) 235-6115 F: (620) 235-4004
djmiller@pittstate.edu

On Sep 16, 2016, at 1:20 PM, Greg Murray <gmurray@pittstate.edu> wrote:

Keep in mind that students must have 45 or more credit hours from courses 300 level and above. This would give our students 39 of those hours, so we would need to make sure that 6 of the 10 Technical Elective hours are 300 level or above. Double check my math, but I think that is correct.

<PSU_split_face.jpg><Chair Signature.jpg>

From: "Clark Shaver" <cshaver@pittstate.edu>
To: "David Miller" <djmiller@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Sent: Friday, September 16, 2016 1:11:02 PM
Subject: EET 546 & EET 448

Dave,

Could I get your input on upcoming changes for two EET courses.

1st, is EET 448 Networks, this course is required currently for your electromechanical students. We are changing the prerequisite to EET 244 Logic Circuits. 2nd is EET 546 Elec. Controls, this course is required currently for your electromechanical students. We are changing the prerequisites to be EET 349 – Linear Systems.

It is my understanding that your current electro-mechanical emphasis requirements are going to be altered. The change is to drop EET 546 as a required course and add EET 244.

CURRENT

EET 141

EET 448

EET 546

EET 649

FUTURE

EET 141

EET 244

EET 448

EET 649

If this is correct then the change to 546 prerequisites should no longer affect you and the change to EET 448 prerequisite will mean the prerequisite will be a required course for your emphasis students. As far as I can see this should not be a problem for your students. Thoughts?

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

**No Trees were harmed in the sending of this message, but a large number of electrons were terribly inconvenienced.*

Clark Shaver

From: David Miller <djmiller@pittstate.edu>
Sent: Tuesday, September 20, 2016 11:15 AM
To: Clark Shaver
Subject: Fwd: EET 546 & EET 448

FYI

From: "Tim Thomas" <tthomas@pittstate.edu>
To: "djmiller" <djmiller@pittstate.edu>
Sent: Tuesday, September 20, 2016 9:29:12 AM
Subject: Re: EET 546 & EET 448

Dave;

I agree ... I was not saying don't change the emphasis, I was just pointing out 300+ hours is a problem. Your solution is good except for a student that transfers in with all their tech elec's completed. I think there will be a fair number that will be challenged by this requirement, but they will just need to be handled through the advisors as you said.

Tim Thomas
Professor/Interim Associate Dean
Engineering Technology/College of Technology
W122e, KTC
1701 S. Broadway
Pittsburg State University
620.235.4353, ph
620.235.4004, fx

From: "David Miller" <djmiller@pittstate.edu>
To: "Tim Thomas" <tthomas@pittstate.edu>
Cc: "Clark Shaver" <cshaver@pittstate.edu>
Sent: Tuesday, September 20, 2016 9:06:41 AM
Subject: Re: EET 546 & EET 448

Tim--

Clark and I discussed this a little more this morning. Clark told me that once they've taken 244 (currently being added to the emphasis sequence), they will have the prerequisites for several other upper division EET courses that they will be able to take for as tech electives during their senior year. We both agree that it will take diligence on the part of the student and his adviser, but in the long run the students will be better off with the new arrangement.

--DM

From: "djmiller" <djmiller@pittstate.edu>
To: "Tim Thomas" <tthomas@pittstate.edu>
Sent: Monday, September 19, 2016 9:51:44 AM
Subject: Re: EET 546 & EET 448

I don't disagree, but it's been my policy to advise students to take 300-level+ tech electives. If they do so, they will end up with 49 hours of upper division.

--DM

From: "Tim Thomas" <tthomas@pittstate.edu>
To: "djmillr" <djmillr@pittstate.edu>
Sent: Monday, September 19, 2016 9:49:31 AM
Subject: Re: EET 546 & EET 448

Dave;

I think changing the electromechanical emphasis is needed and the proposed changes are good. The only challenge I see is 2 of the four courses are below 300 level so these students will struggle to meet the 45 hours of upper division.

Tim Thomas
Professor/Interim Associate Dean
Engineering Technology/College of Technology
W122e, KTC
1701 S. Broadway
Pittsburg State University
620.235.4353, ph
620.235.4004, fx

From: "David Miller" <djmillr@pittstate.edu>
To: "Daniel Maxwell" <dmaxwell@pittstate.edu>, "Brock Skaggs" <fskaggs@pittstate.edu>, "Tim Thomas" <tthomas@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Sent: Monday, September 19, 2016 8:38:45 AM
Subject: Re: EET 546 & EET 448

Here is the packet for the proposed legislation to change the electromechanical emphasis area. Please take a look and let me know if there are required changes before I submit it?

--DM

From: "djmillr" <djmillr@pittstate.edu>
To: "Daniel Maxwell" <dmaxwell@pittstate.edu>, "Brock Skaggs" <fskaggs@pittstate.edu>, "Tim Thomas" <tthomas@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Sent: Saturday, September 17, 2016 4:04:48 AM
Subject: Fwd: EET 546 & EET 448

Something I forgot to mention from yesterday's CP meeting: EET has been working on some changes to their curriculum. Clark and I talked about what classes he thought old benefit our students, and from conversations we've had with our IAB, they don't seem to have any opinion. I wanted to make you aware of the change. They're targeting the Fall 2017 catalog. See Clark's email below for details.

I will be putting together the legislation packet to change our emphasis area to reflect these changes next week, and I will send it to you for review at that time.

David Miller, PhD
Associate Professor
Mechanical Engineering Technology
Pittsburg State University
W224c KTC, 1701 South Broadway
Pittsburg, KS 66762-7565
P: (620) 235-6115 F: (620) 235-4004
djmiller@pittstate.edu

Begin forwarded message:

From: "Clark Shaver" <cshaver@pittstate.edu>
Date: September 16, 2016 at 1:11:02 PM CDT
To: "David Miller" <djmiller@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Subject: EET 546 & EET 448

Dave,

Could I get your input on upcoming changes for two EET courses.

1st, is EET 448 Networks, this course is required currently for your electromechanical students. We are changing the prerequisite to EET 244 Logic Circuits. 2nd is EET 546 Elec. Controls, this course is required currently for your electromechanical students. We are changing the prerequisites to be EET 349 – Linear Systems.

It is my understanding that your current electro-mechanical emphasis requirements are going to be altered. The change is to drop EET 546 as a required course and add EET 244.

CURRENT

EET 141
EET 448
EET 546
EET 649

FUTURE

EET 141
EET 244
EET 448
EET 649

If this is correct then the change to 546 prerequisites should no longer affect you and the change to EET 448 prerequisite will mean the prerequisite will be a required course for your emphasis students. As far as I can see this should not be a problem for your students. Thoughts?

Clark D. Shaver, PE
Associate Professor
Electronics Engineering Technology
Pittsburg State University

620.235.4357

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☐ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 540 is the 1st of a series of 2 senior capstone courses for Electronics Engineering Technology students. Only EET seniors take this course.

Purpose/Justification for Revision to Course: This is a change in prerequisites. The change is made to align better with recent course changes. One of the current prerequisite courses will no longer be offered in our program (EET 447).

Existing Course:

Course Number: EET 540Title of Course: Electronic Design ProposalCredit Hours: 3

Prerequisite: EET 344 Microcomputer Systems, EET 349 Linear Integrated Circuits and EET 447 Communication Theory and Circuits.

Course Description (as it appears in the current catalog): (2 hours lecture, 2 hours laboratory). Research culminating in a circuit or system design proposal. Prerequisites: EET 344 Microcomputer Systems, EET 349 Linear Integrated Circuits and EET 447 Communication Theory and Circuits.

Proposed Course:

Course Number: EET 540Title of Course: Electronic Design ProposalCredit Hours: 3

Prerequisite: EET299 Core Exam, EET 341 Signals and System, EET344 Microcomputer Systems, EET 349 Analog Integrated Circuits and 3 additional hours of EET credit 300 Level or above.

Course Description (as it will appear in the next catalog): (2 hours lecture, 2 hours laboratory). Research culminating in a circuit or system design proposal. Prerequisites: EET299 Core Exam, EET 341 Signals and System, EET344 Microcomputer Systems, EET 349 Analog Integrated Circuits and 3 additional hours of EET credit 300 Level or above.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☐ Yes ☒ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: TechnologySubmission Date: 20 Sep 2016Contact Person: Clark Shaver ☒ Faculty member ☐ ChairRevision Effective: WF/2017 (Semester/Year)

Offered: (check all that apply)

☐ Fall☒ Spring☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*EET 546 is an upper division course primarily for Electronics Engineering Technology students. Currently, MECET students with an electro-mechanical emphasis must take this course. However, an upcoming change to the MECET emphasis area will remove this course from their curriculum and it will then only affect EET students.Purpose/Justification for Revision to Course: This is a change in prerequisites for one course. This change will reflect the required knowledge needed for this course without adding undo burden to student scheduling.**Existing Course:**Course Number: EET 546Title of Course: Electronic ControlsCredit Hours: 3Prerequisite: EET 299 Electronics Core Exam or EET 141 Introductory Electronics for Non-EET majorsCourse Description (as it appears in the current catalog): (2 hours lecture, 2 hours laboratory). Fundamental control devices and concepts. Includes discrete semiconductor devices, microprocessors and integrated circuits in a controls setting. Prerequisite: EET 299 Electronics Core Exam or EET 141 Introductory Electronics for Non-EET majors.**Proposed Course:**Course Number: EET 546Title of Course: Electronic ControlsCredit Hours: 3Prerequisite: EET 349 Analog Integrated Circuits

Course Description **(as it will appear in the next catalog):** (2 hours lecture, 2 hours laboratory). Fundamental control devices and concepts. Includes discrete semiconductor devices, microprocessors and integrated circuits in a controls setting. Prerequisite: EET 349 Analog Integrated Circuits.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

none

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Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: Technology

Submission Date: 20 Sep 2016

Contact Person: Clark Shaver ☒ Faculty member ☐ Chair

Revision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☐ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 549 is an upper division course for Electronics Engineering Technology students.

Purpose/Justification for Revision to Course: This is solely a name change, course content does not change

Existing Course:

Course Number: EET 549

Title of Course: Applied Microcontrollers

Credit Hours: 3

Prerequisite: EET 344 Microcomputer Systems and either EET 247 Computer Programming for Electronic Systems or CIS 240 C++ Programming.

Course Description (**as it appears in the current catalog**): (2 hours lecture, 2 hours laboratory). Microcontroller concepts and principles of operation, architecture, programming, and peripheral systems. Prerequisite: EET 344 Microcomputer Systems and either EET 247 Computer Programming for Electronic Systems or CIS 240 C++ Programming

Proposed Course:

Course Number: EET 549

Title of Course: Advanced Microcontrollers

Credit Hours: 3

Prerequisite: EET 344 Microcomputer Systems and either EET 247 Computer Programming for Electronic Systems or CIS 240 C++ Programming

Course Description (as it will appear in the next catalog): (2 hours lecture, 2 hours laboratory). Microcontroller concepts and principles of operation, architecture, programming, and peripheral systems. Prerequisite: EET 344 Microcomputer Systems and either EET 247 Computer Programming for Electronic Systems or CIS 240 C++ Programming

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

none

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Date _____ Signature, Council for Teacher Education Chair _____
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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: ETECH College: Technology

Submission Date: 20 Aug 2016

Contact Person: Clark Shaver ☒ Faculty member ☐ Chair

Revision Effective: SP/2017 (Semester/Year)

Offered: (check all that apply)

- ☐ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

EET 647 is an upper division course for Electronics Engineering Technology students.

Purpose/Justification for Revision to Course: This is a change in prerequisites. The prereq change will reflect the required knowledge needed for this course without adding undo burden to student scheduling.

Existing Course:

Course Number: EET 647

Title of Course: Digital Signal Processing

Credit Hours: 3

Prerequisite: EET 341 Signals and Systems.

Course Description (as it appears in the current catalog): (2 hours lecture, 2 hours laboratory). Theoretical and practical applications of digital signal processing techniques. Topics include z-transforms, digital filters, digital control, and utilizing hardware, such as digital signal processors (DSPs). Prerequisite: EET 341 Signals and Systems.

Proposed Course:

Course Number: EET 647

Title of Course: Digital Signal Processing

Credit Hours: 3

Prerequisite: EET 244 Logic Circuits, EET 349 Analog Integrated Circuits and either EET 247 Programming for Electronics or CIS 240 C++ Programming

Course Description (as it will appear in the next catalog): (2 hours lecture, 2 hours laboratory). Theoretical and practical applications of digital signal processing techniques. Topics include z-transforms, digital filters, digital control, and

utilizing hardware, such as digital signal processors (DSPs). EET 244 Logic Circuits, EET 349 Analog Integrated Circuits and either EET 247 Programming for Electronics or CIS 240 C++ Programming.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. Will this course be offered or continue to be offered for Departmental Academic Honors? ☒ Yes ☐ No

4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
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Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Request for Revision to Curriculum

Revision for: ☒ Major ☐ Minor ☐ Emphasis ☐ Certificate

Department: ETECH College: COT

Submission Date: 20 Sep 2016

Revision Effective: Fall, 2017
(Year)

Contact Person: Clark Shaver ☒ Faculty member ☐ Chair

Name of Existing Major or Minor/Emphasis/Certificate: Electronic Engineering Technology

If proposing a name change to major or minor/emphasis/certificate, indicate Proposed Name Change:
N/A

Description of Change: Adding new course MATH 154 -Engineering Calculus II as an alternative to MATH 155 - Calculus II

Rationale for Change (include changes to curriculum objectives): MATH 154 - Engineering Calculus II is a new course developed specifically for ETECH students. The course will be an option for EET students. Students will be able to take either MATH 155 or 154. Since MATH 154 is a 4 hour course and MATH 155 is a 5 hour course, the support course credit hours will change from 29 to 28-29.

Is this revision related to, and/or may affect, any degree program or minor/emphasis/certificate at any other Regent university?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation.

Is this revision related to, and/or may affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This is a change in major requirements. It will affect the MATH department with a shift in course enrollment numbers.

Existing Major or Minor/Emphasis/Certificate

Copy and paste the existing curriculum as it currently appears in the online catalog:

Bachelor of Science in Engineering Technology Degree with a Major in Electronics Engineering Technology

Basic Skills (12 hours)

ENGL-101: English Composition (3 hours)

ENGL-190: Honors English Composition (3 hours)

OR ENGL-299: Introduction to Research Writing (3 hours)

COMM-207: Speech Communication (3 hours)

MATH-143: Elementary Statistics (3 hours)

General Education Electives (30-34 hours)

Sciences (9-10 hours) Natural Sciences (Select one)

BIOL-111: General Biology (3 hours)
AND BIOL-112: General Biology Laboratory (2 hours)
BIOL-113: Environmental Life Science (4 hours)
BIOL-211: Principles of Biology I (4 hours)

Physical Sciences (Select one)

PHYS-100: College Physics I (4 hours)
OR PHYS-104: Engineering Physics I (4 hours)
PHYS-130: Elementary Physics Laboratory I (1 hours)

Social Studies (Select one) (3 hours)

SOC-100: Introduction to Sociology (3 hours)
WOMEN-200: Introduction to Women's Studies (3 hours)

Political Studies (Select one) (3 hours)

POLS-101: U.S. Politics (3 hours)
POLS 103: Comparative Political Institutions (3 hours)

Producing and Consuming (6 hours) Technology

MFGET-263: Manufacturing Methods I (2 hours)
MFGET-268: Manufacturing Methods I Laboratory (1 hours)
EET-247: Computer Programming for Electronic Systems (3 hours)

Fine Arts and Aesthetic Studies/Cultural Studies (Select one) (2-3 hours)

ART-155: Printmaking and Paper Arts (3 hours)
ART-178: Introduction to the Visual Arts (3 hours)
ART-188: The Designed World (3 hours)
ART-217: Crafts I (3 hours)
ART-222: Jewelry Design I (3 hours)
ART-233: Drawing I (3 hours)
ART-244: Ceramics I (3 hours)
ART-266: Sculpture I (3 hours)
ART-277: Painting I (3 hours)
ART-288: Introduction to Art History I (3 hours)
ART-289: Introduction to Art History II (3 hours)
ART-311: Art Education (3 hours)
COMM-105: Performance Appreciation (3 hours)
COMM-205: Performance Studies (3 hours)
COMM-295: Theatre History (____) (3 hours)
ENGL-250: Introduction to Creative Writing (3 hours)
HHP-151: Dance Appreciation (3 hours)
MUSIC-120: Music Appreciation (____) (3 hours)
MUSIC-121: Introduction to Music Literature (2 hours)
ANTH-101: Introduction to Cultural Anthropology (3 hours)
MLL-114: Chinese Language and Culture I (3 hours)
MLL-124: French Language and Culture I (3 hours)
MLL-154: Spanish Language and Culture I (3 hours)
MLL-184: Russian Language and Culture I (3 hours)
MLL-194: Korean Language and Culture I (3 hours)
GEOG-106: World Regional Geography (3 hours)
GEOG-300: Elements of Geography (3 hours)

GEOG-304: Human Geography (3 hours)
WOMEN-399: Global Women's Issues (3 hours)

Health and Well Being (4-6 hours)

Psychological

PSYCH-155: General Psychology (3 hours)

Physical (Select one)

FCS-203: Nutrition and Health (3 hours)

FCS-301: Nutrition (3 hours)

HHP-150: Lifetime Fitness Concepts (1 hours)

NURS-303: Introduction to Public Health (3 hours)

Human Heritage (Select one course from one of the following three categories) (3 hours)

History

HIST-101: World History to 1500 (3 hours)

HIST-102: World History from 1500 (3 hours)

HIST-201: American History to 1865 (3 hours)

HIST-202: American History from 1865 (3 hours)

Literature

ENGL-113: General Literature (3 hours)

ENGL-114: General Literature (Genre) (3 hours)

ENGL-116: General Literature (Theme) (3 hours)

ENGL-120: Literature and Film (3 hours)

ENGL-315: Mythology (3 hours)

ENGL-320: Literature and Film (3 hours)

Philosophy

PHIL-103: Introduction to Philosophy (3 hours)

PHIL-105: Ethics (3 hours)

PHIL-111: Ethics: Applied Emphasis (____) (3 hours)

PHIL-112: Biomedical Ethics (3 hours)

PHIL-113: Business Ethics (3 hours)

PHIL-114: Environmental Ethics (3 hours)

PHIL-207: Critical Thinking (3 hours)

PHIL-208: Logic and Critical Thinking (3 hours)

PHIL-231: World Religions (3 hours)

Major Requirements (35-36 hours)

EET-100: Prolog to Electronics (2 hours)

EET-144: D.C. Circuit Analysis Methods (3 hours)

EET-244: Logic Circuits (3 hours)

EET-245: Electronic Devices and Circuits (3 hours)

EET-246: A.C. Circuit Analysis Methods (3 hours)

EET-299: Electronics Core Exam (1 hours)

EET-341: Signals and Systems (3 hours)

EET-344: Microcomputer Systems (3 hours)

EET-349: Analog Integrated Circuits (3 hours)

EET-540: Electronic Design Proposal (3 hours)

EET-546: Electronic Controls (3 hours)

EET-640: Application Design Problems (2 hours)

EET-641: Power Systems (3 hours)

EET-642: Electronic Technology Seminar (1 hours)

Support Courses (29 hours)

MECET-121: Engineering Graphics I (3 hours)
 ETECH-502: Engineering Economy (3 hours)
 ETECH-694: Engineering Technology Laboratory Internship (____) (1-4 hours)
 MATH-126: Pre-Calculus (4 hours)
 MATH-150: Calculus I (5 hours)
 MATH-155: Calculus II (5 hours)
 ENGL-301: Technical/Professional Writing (3 hours)
 PHYS-105: Engineering Physics II (4 hours)
 AND PHYS-131: Elementary Physics Laboratory II (1 hours)
 EET 247 Computer Programming for Electronic Systems (satisfied by general education) (3 hours)
 MFGET 263 Manufacturing Methods I (satisfied by general education) (2 hours)
 MFGET 268 Manufacturing Methods I Laboratory (satisfied by general education) (1 hour)
 MATH 143 Elementary Statistics (satisfied by general education) (3 hours)
 ETECH 694 Engineering Technology Laboratory Internship must be taken for 1 hour.

One Required Emphasis (12 hours)

Electronic Embedded Systems Emphasis

EET-449: Programmable Logic Devices (3 hours)
 EET-549: Advanced Microcontrollers (3 hours)
 EET-647: Digital Signal Processing (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Telecommunications Emphasis

EET-448: Network Systems (3 hours)
 EET-547: Electronic Communications Systems (3 hours)
 EET-648: Data Communications Systems (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Aerospace Electronics Emphasis

EET-547: Electronic Communications Systems (3 hours)
 EET-548: Aerospace Electronic Systems (3 hours)
 EET-648: Data Communications Systems (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Controls Emphasis

EET-340: Introduction to Industrial Automation (3 hours)
 EET-646: Control Systems (3 hours)
 EET-649: Advanced Programmable Controllers (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Custom Emphasis

6 hours chosen from other emphases options

6 hours upper division electives with advisor's consent

Approved Electives Selected From (9 hours) ETECH-300: Cooperative Education (____) (3-6 hours)

CMCET-331: Electrical Systems (3 hours)
 CIS-230: Visual Basic Programming (3 hours)
 CIS-345: Object Oriented Programming Using Java (3 hours)
 CIS-470: Computer Networking (3 hours)
 EET-644: Renewable Power Conversion (3 hours)
 ETECH-300: Cooperative Education (3-6 hours)

MATH-212: Matrix Algebra (2 hours)
MATH-513: Discrete Structures (3 hours)
MATH-543: Probability and Statistics (3 hours)
MATH-553: Differential Equations (3 hours)
MATH-569: Numerical Analysis (3 hours)
MATH-617: Linear Algebra (3 hours)
MFGET-363: Principles of Tool Design (3 hours)
MFGET-405: Quality Control (3 hours)
MECET-420: Kinematics (2 hours)
MECET-423: Mechanics of Materials (3 hours)
MECET-424: Mechanics of Materials Laboratory (1 hours)
MECET-524: Fluid Mechanics (3 hours)
MECET-525: Fluid Mechanics Laboratory (1 hours)
MGMT-330: Principles of Marketing (3 hours)
PHYS-512: Electricity and Magnetism I (3 hours)
PHYS-516: Modern Physics I (3 hours)
PHYS-532: Electronic Circuits I (3 hours)
PHYS-743: Solid State Electronics (3 hours)

or

Upper division courses from the following Mathematics, Physics, others by consent of advisor

In order to meet the requirements of the Technology Accreditation Commission of ABET, Inc., partial waivers for the Pittsburg State University general education requirements have been allowed.

MATH 126 Pre-Calculus is preferred for support courses. MATH 113 College Algebra and MATH 122 Plane Trigonometry may be substituted..

Proposed Major or Minor/Emphasis/Certificate:

List below, the proposed curriculum as you wish it to appear in the online catalog:

Bachelor of Science in Engineering Technology Degree with a Major in Electronics Engineering Technology

Basic Skills (12 hours)

ENGL-101: English Composition (3 hours)
ENGL-190: Honors English Composition (3 hours)
OR ENGL-299: Introduction to Research Writing (3 hours)
COMM-207: Speech Communication (3 hours)
MATH-143: Elementary Statistics (3 hours)

General Education Electives (30-34 hours)

Sciences (9-10 hours) Natural Sciences (Select one)
BIOL-111: General Biology (3 hours)
AND BIOL-112: General Biology Laboratory (2 hours)
BIOL-113: Environmental Life Science (4 hours)
BIOL-211: Principles of Biology I (4 hours)

Physical Sciences (Select one)

PHYS-100: College Physics I (4 hours)

OR PHYS-104: Engineering Physics I (4 hours)
PHYS-130: Elementary Physics Laboratory I (1 hours)

Social Studies (Select one) (3 hours)
SOC-100: Introduction to Sociology (3 hours)
WOMEN-200: Introduction to Women's Studies (3 hours)

Political Studies (Select one) (3 hours)
POLS-101: U.S. Politics (3 hours)
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Producing and Consuming (6 hours) Technology
MFGET-263: Manufacturing Methods I (2 hours)
MFGET-268: Manufacturing Methods I Laboratory (1 hours)
EET-247: Computer Programming for Electronic Systems (3 hours)

Fine Arts and Aesthetic Studies/Cultural Studies (Select one) (2-3 hours)
ART-155: Printmaking and Paper Arts (3 hours)
ART-178: Introduction to the Visual Arts (3 hours)
ART-188: The Designed World (3 hours)
ART-217: Crafts I (3 hours)
ART-222: Jewelry Design I (3 hours)
ART-233: Drawing I (3 hours)
ART-244: Ceramics I (3 hours)
ART-266: Sculpture I (3 hours)
ART-277: Painting I (3 hours)
ART-288: Introduction to Art History I (3 hours)
ART-289: Introduction to Art History II (3 hours)
ART-311: Art Education (3 hours)
COMM-105: Performance Appreciation (3 hours)
COMM-205: Performance Studies (3 hours)
COMM-295: Theatre History (____) (3 hours)
ENGL-250: Introduction to Creative Writing (3 hours)
HHP-151: Dance Appreciation (3 hours)
MUSIC-120: Music Appreciation (____) (3 hours)
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GEOG-300: Elements of Geography (3 hours)
GEOG-304: Human Geography (3 hours)
WOMEN-399: Global Women's Issues (3 hours)

Health and Well Being (4-6 hours)
Psychological
PSYCH-155: General Psychology (3 hours)

Physical (Select one)

- FCS-203: Nutrition and Health (3 hours)
- FCS-301: Nutrition (3 hours)
- HHP-150: Lifetime Fitness Concepts (1 hours)
- NURS-303: Introduction to Public Health (3 hours)

Human Heritage (Select one course from one of the following three categories) (3 hours)

History

- HIST-101: World History to 1500 (3 hours)
- HIST-102: World History from 1500 (3 hours)
- HIST-201: American History to 1865 (3 hours)
- HIST-202: American History from 1865 (3 hours)

Literature

- ENGL-113: General Literature (3 hours)
- ENGL-114: General Literature (Genre) (3 hours)
- ENGL-116: General Literature (Theme) (3 hours)
- ENGL-120: Literature and Film (3 hours)
- ENGL-315: Mythology (3 hours)
- ENGL-320: Literature and Film (3 hours)

Philosophy

- PHIL-103: Introduction to Philosophy (3 hours)
- PHIL-105: Ethics (3 hours)
- PHIL-111: Ethics: Applied Emphasis (____) (3 hours)
- PHIL-112: Biomedical Ethics (3 hours)
- PHIL-113: Business Ethics (3 hours)
- PHIL-114: Environmental Ethics (3 hours)
- PHIL-207: Critical Thinking (3 hours)
- PHIL-208: Logic and Critical Thinking (3 hours)
- PHIL-231: World Religions (3 hours)

Major Requirements (35-36 hours)

- EET-100: Prolog to Electronics (2 hours)
- EET-144: D.C. Circuit Analysis Methods (3 hours)
- EET-244: Logic Circuits (3 hours)
- EET-245: Electronic Devices and Circuits (3 hours)
- EET-246: A.C. Circuit Analysis Methods (3 hours)
- EET-299: Electronics Core Exam (1 hours)
- EET-341: Signals and Systems (3 hours)
- EET-344: Microcomputer Systems (3 hours)
- EET-349: Analog Integrated Circuits (3 hours)
- EET-540: Electronic Design Proposal (3 hours)
- EET-546: Electronic Controls (3 hours)
- EET-640: Application Design Problems (2 hours)
- EET-641: Power Systems (3 hours)
- EET-642: Electronic Technology Seminar (1 hours)

Support Courses (28-29 hours)

- MECET-121: Engineering Graphics I (3 hours)
- ETECH-502: Engineering Economy (3 hours)
- ETECH-694: Engineering Technology Laboratory Internship (____) (1-4 hours)
- MATH-126: Pre-Calculus (4 hours)

Change from (29 hours)

MATH-150: Calculus I (5 hours)
 MATH-155: Calculus II (5 hours)
 OR MATH-154 Engineering Calculus II (4 hours) *NEW*
 ENGL-301: Technical/Professional Writing (3 hours)
 PHYS-105: Engineering Physics II (4 hours)
 AND PHYS-131: Elementary Physics Laboratory II (1 hours)
 EET 247 Computer Programming for Electronic Systems (satisfied by general education) (3 hours)
 MFGET 263 Manufacturing Methods I (satisfied by general education) (2 hours)
 MFGET 268 Manufacturing Methods I Laboratory (satisfied by general education) (1 hour)
 MATH 143 Elementary Statistics (satisfied by general education) (3 hours)
 ETECH 694 Engineering Technology Laboratory Internship must be taken for 1 hour.

One Required Emphasis (12 hours)

Electronic Embedded Systems Emphasis

EET-449: Programmable Logic Devices (3 hours)
 EET-549: Advanced Microcontrollers (3 hours)
 EET-647: Digital Signal Processing (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Telecommunications Emphasis

EET-448: Network Systems (3 hours)
 EET-547: Electronic Communications Systems (3 hours)
 EET-648: Data Communications Systems (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Aerospace Electronics Emphasis

EET-547: Electronic Communications Systems (3 hours)
 EET-548: Aerospace Electronic Systems (3 hours)
 EET-648: Data Communications Systems (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Controls Emphasis

EET-340: Introduction to Industrial Automation (3 hours)
 EET-646: Control Systems (3 hours)
 EET-649: Advanced Programmable Controllers (3 hours)

An additional course chosen from another Electronics Engineering Technology emphasis area (3 hours)

Custom Emphasis

6 hours chosen from other emphases options
 6 hours upper division electives with advisor's consent

Approved Electives Selected From (9 hours) ETECH-300: Cooperative Education (____) (3-6 hours)

CMCET-331: Electrical Systems (3 hours)
 CIS-230: Visual Basic Programming (3 hours)
 CIS-345: Object Oriented Programming Using Java (3 hours)
 CIS-470: Computer Networking (3 hours)
 EET-644: Renewable Power Conversion (3 hours)
 ETECH-300: Cooperative Education (3-6 hours)
 MATH-212: Matrix Algebra (2 hours)
 MATH-513: Discrete Structures (3 hours)
 MATH-543: Probability and Statistics (3 hours)
 MATH-553: Differential Equations (3 hours)
 MATH-569: Numerical Analysis (3 hours)
 MATH-617: Linear Algebra (3 hours)

MFGET-363: Principles of Tool Design (3 hours)
MFGET-405: Quality Control (3 hours)
MECET-420: Kinematics (2 hours)
MECET-423: Mechanics of Materials (3 hours)
MECET-424: Mechanics of Materials Laboratory (1 hours)
MECET-524: Fluid Mechanics (3 hours)
MECET-525: Fluid Mechanics Laboratory (1 hours)
MGMT-330: Principles of Marketing (3 hours)
PHYS-512: Electricity and Magnetism I (3 hours)
PHYS-516: Modern Physics I (3 hours)
PHYS-532: Electronic Circuits I (3 hours)
PHYS-743: Solid State Electronics (3 hours)

or

Upper division courses from the following Mathematics, Physics, others by consent of advisor

In order to meet the requirements of the Technology Accreditation Commission of ABET, Inc., partial waivers for the Pittsburg State University general education requirements have been allowed.

MATH 126 Pre-Calculus is preferred for support courses. MATH 113 College Algebra and MATH 122 Plane Trigonometry may be substituted.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
none

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Will this revision have specific General Education courses required? ☐ Yes ☒ No
Please realize that it will need to gain approval of the General Education Committee.

4. Will this revision affect any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this modification (e.g. staffing, equipment, etc.)?
none

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 9/16/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Clark Shaver

From: Randy Winzer <wwinzer@pittstate.edu>
Sent: Tuesday, September 13, 2016 11:58 AM
To: Clark Shaver
Cc: Erik Mayer; Jim Lookadoo Jim Lookadoo
Subject: Re: up coming changes

I agree with the changes to 144, they should have either Math-110, 113, 122, 126, or 150 (we get students all along that path and I don't know how intelligent the software is which is why I list all of them). I think it was originally worded the way it is, because students might have been taking College Algebra during the same semester; but with new HS requirements and most of our students in Pre-Calculus it is time for this change.

Since MECET is revising their curriculum so that their EM emphasis majors take EET-244, let's make the prerequisites for 340 be EET-244 or Physics II. This will allow me to make some changes to 340 to better serve both their students and our students. Those that have just had Physics II are typically the weakest students in 340 but that depends upon where they took Physics II. I can handle those currently in the program with waivers until the new sequence kicks in. We can also delete the GT-249 prerequisite, I don't think that course is offered any longer.

I think the 341 prerequisite for EET-540 is a good idea simply because it will avoid the "but its all I have left" argument and also help us identify transfer students who are not ready for Senior Design. It also will give students a level of sophistication with solving problems which I think we WANT them to have in 540/640.

Professor Randy Winzer
Student Section Advisor, ISA
Engineering Technology
Kansas Technology Center, W224g
1701 South Broadway
Pittsburg, KS 66762
(620) 235-4370

From: "Clark Shaver" <cshaver@pittstate.edu>
To: "Erik Mayer" <emayer@pittstate.edu>, "Randy Winzer" <wwinzer@pittstate.edu>
Cc: "Jim Lookadoo Jim Lookadoo" <lookadoo@pittstate.edu>
Sent: Tuesday, September 13, 2016 10:54:32 AM
Subject: RE: up coming changes

So for the curriculum changes, I had 2 added thoughts and some response to Erik's comments.

1. I would like to change the prerequisites for 144. Now it is recommended that they have an algebra or some equivalent course. I would like that to be required. Those enrolled in 144 who struggle with algebra, struggle with 144.
2. I am proposing to make a change to EET340 so if students have had Physics II, that that will count as a prerequisite. I am not in love with this idea, but just thought it might make our lives easier with the mechanical students.
3. As for Erik's comments See responses below in red

Any thoughts?

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

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From: Erik Mayer [mailto:emayer@pittstate.edu]

Sent: Sunday, September 11, 2016 5:53 PM

To: Randy Winzer <wwinzer@pittstate.edu>

Cc: Clark Shaver <cshaver@pittstate.edu>; Jim Lookadoo Jim Lookadoo <lookadoo@pittstate.edu>

Subject: Re: up coming changes

By the numbers:

2 and 3. For assessment, I think it was good having EET 299 at the end of the sophomore year since that gave us data about the students' progress halfway through the program. With the assessment of students during senior design, we were sampling at twice the graduation rate (1 student/four years) so we were meeting Shannon's sampling criterion. However, now that we are assessing in almost every course, I feel that EET 299 isn't really needed. It seems more a measurement of what students remember from courses taken 1-3 semesters ago and not a good measurement of what they learned by the end of a course. If you want to use EET 299 to make sure students

are prepared for senior design, it makes sense to do what you are proposing if the grade in EET 299 is based on their performance on the assessment exams. I am on the fence about it being a brainstorming course as students will be halfway through classes which may have knowledge they could use for senior design, so they may not have a good idea until the end of the semester of what they want to work on. A couple of things happening here. 1st we are preparing for the potential deletion of EET 299. The by-course assessment makes this a possibility. 2nd The advisory committee recommendation, which I wholly support and think is a good idea of having students get working on idea generation sooner. The suggestion was the addition of a ½ hour course that would just force students to basically complete gate 1 (get an idea, get a teammate). This would be incredibly useful for SR design. I feel it would improve idea concepts without degrading the parts of the project we have in place now. 3rd thing is that in the event that we do not assess in 299 as we have been, we could move the SME test to the 299 course and it would no longer interfere with SR design. 299 will no longer be a prereq for anything except SR design, so it will not stop students from taking it whenever they please...after the basic courses.

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6. EET 540 prerequisites: I agree with EET 344 and EET 349 (see 2 and 3 above about EET 299). However, if students are allowed to do microcontroller applications like they have done in the past, I don't see a lot of them using material from EET 341. I don't think 3 hrs of additional 300+ EET courses will adequately prepare students for senior design. How about 6 hrs of emphasis courses? If we drop 341 and then add 6hrs of EET, it gives students more flexibility. For students we have all 4 years, it doesn't matter either way. They will have met all requirements either way we do it. This is really for the transfer students. The one issue that I can see, is that some of our students really try hard to avoid 341. Having it as a prerequisite would force them to take it prior to their last semester in school. We would avoid the "but its all I have left to take" scenario. This is not a real issue but something that I am sure we will be seeing in the future. I guess I really don't have an opinion on this one, Jim? Randy?

8. I proposed "Analog Signal Processing" as the trend seems to be the integration of analog circuits and digital signal processors on the same IC. So, it looks like there will be a decreasing need for graduates to actually build analog circuits using separate ICs. However, they will still need to understand analog circuits so they can

program them into devices such as field programmable analog arrays (FPAAs) or use them in data acquisition systems (DAQs). Doing a Google search, I have found a number of other universities that have ASP classes that have the same content as EET 349 Linear. However, I have also found other universities who ASP classes similar to our EET 341 Signal Analysis. So, maybe "Analog Signal Processing Circuits" for EET 349 would be more descriptive, but it is a little long. I thought it would be nice to have course title more descriptive than "Linear Integrated Circuits" since some of the circuits covered in the class such as timers and comparators technically aren't linear systems. How about "Analog Integrated Circuits?" Randy also suggested 'Analog Circuits'. I am great with either one. For now I am putting down Analog Integrated Circuits unless someone shouts loud.

i. New prerequisites and course name for EET 647 (new item): How about we drop EET 341 from the prerequisites for EET 647 Embedded DSP and add EET 247 Computer Programming and EET 349 Linear? The EET 341 requirement might be scaring students off. I previously proposed EET 341 because I had a student that said that he would have liked to take EET 341 first, but the textbook approaches DSP in a way that doesn't require them to have Laplace and Fourier transforms. It does, however, discuss filter requirements for DSP, thus the proposed EET 349 class (I also start discussing A/D and D/A in EET349). We also program in C in the class, thus the proposed EET 247 requirement. Also, we could drop "Embedded" from the course name. Name change sounds good. Adding a programming course sounds good. However, I would assume that it would be a much easier step to do Z-transforms and difference equations if they had Laplace, transfer functions, time shifts, some diffEq, etc. under their belt??

Sincerely,

Erik Mayer

From: "Randy Winzer" <wwinzer@pittstate.edu>
To: "Clark Shaver" <cshaver@pittstate.edu>
Cc: "Jim Lookadoo Jim Lookadoo" <lookadoo@pittstate.edu>, "Erik Mayer" <emayer@pittstate.edu>
Sent: Thursday, September 8, 2016 3:22:54 PM
Subject: Re: up coming changes

I think the capacity for 141 is there since it is currently offered 3 times a year and we have never finished a semester with sections full. We have started semesters with it full or over full (this semester as an example) but by the 1st or 2nd week there are always

drops (currently 4 open seats). There is also the option of offering it during the summer or as an intersession which I would be interested in.

The sequence for EET-546 is very workable, this is almost identical to what it was prior to the introduction of EET-299. I routinely cover this kind of advisement stuff in Prolog so I will add it to the list making sure they understand that timing is critical and if you flunk courses you are extending your stay with us.

I will have to ponder the 349 name - I agree that "ASP" doesn't really excite me. But then I am getting old and not easily excited anymore.....

Thanks for your work on this Clark!

Professor Randy Winzer

Student Section Advisor, ISA
Engineering Technology
Kansas Technology Center, W224g
1701 South Broadway
Pittsburg, KS 66762
(620) 235-4370

From: "Clark Shaver" <cshaver@pittstate.edu>
To: "Randy Winzer" <wwinzer@pittstate.edu>, lookadoo@pittstate.edu, "Erik Mayer" <emayer@pittstate.edu>
Sent: Thursday, September 8, 2016 3:03:45 PM
Subject: up coming changes

We are going to make some changes to the curriculum flow. Here is a summary of the changes I am proposing for the EET curriculum.

1. Remove EET 299 – Core Exam as a prerequisite for all courses, EXCEPT SR Design. This will require replacing new prerequisites that make sense.
2. EET 299 will now be used for two purposes. 1) assessment as it currently is and 2) as a brainstorming course for SR design students. In essence it allows student to have project ideas and teams worked out prior to enrollment in SR design. Instead of 5 weeks, it will now be 10 weeks and I will take the last 5 weeks.
3. In the recommended sequence of events EET 299 will be moved to spring of Junior year.
4. The MECET electromechanical emphasis is being revamped with input from us. This is now what their requirements will be
 - i. ALL MECET majors take EET 141 –
Intro to elec
 - ii. Emphasis courses are
 1. EET 244 Logic Circuits
 2. EET 340 Intro to Automation
 3. EET 448 Networks
 4. EET 649 Advanced PLCs
5. When we get MECET out of EET 546, Randy has suggested that we put more substance into the course and while so doing, change prerequisites.
6. EET 540 – SR Design I will have new prerequisites getting rid of EET 447. New prerequisites are: 341, 344, 349, 299 + 3hrs additional 300+ EET courses
7. Eng Calc II will be added as an either or for degree requirements so students can take Calc II or Eng Calc II
8. While these changes are happening, Erik has suggested a change for EET 349 a change in course description and a change in name. The new name would be Analog Signal Processing.

i. NEW PREREQUISITES

- a. EET 244 (Logic Circuits) - EET 100 -OR- EET 141

- b. EET 341 (signals&systems) – [Calc II or Eng Calc II] & AC Signals
- c. EET 344 (microcomputers) – Digital Logic
- d. EET 349 (Linear Circuits) – AC, Devices and Calc I
- e. EET 448 (Networks) – Digital Logic
- f. EET 546 (Elec. Controls) – Linear Circuits
- g. EET 540 (Capstone) – 299, 341, 344, 349
+ 3hrs of 300+ EET credit

I have worked out the sequence of classes and it turns out there is only a couple of small changes, not a big deal.

Here are my concerns:

1. If all MECET majors are required to take 141 (now they all must take 340) will that explode that course beyond capacity?
2. The new name for Linear –Analog Signal Processing, does not fit well in my mind. It makes me think we are teaching a second Signal Analysis course. Any thoughts?
3. Are the restrictions to get into EET 540, capstone, too restrictive and we will end up making lots of exceptions, or is this reasonable.
4. The new prerequisite for EET 546, means that there is a bit of a long path to get to/through that course, I don't foresee any real issues there but thought maybe you guys may have insight.
5. The things I don't see. What are they?

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

**No Trees were harmed in the sending of this message, but a large number of electrons were terribly inconvenienced.*

Clark Shaver

From: Clark Shaver <cshaver@pittstate.edu>
Sent: Wednesday, September 14, 2016 7:11 AM
To: 'Erik Mayer'
Cc: 'Randy Winzer'; 'Jim Lookadoo Jim Lookadoo'
Subject: RE: up coming changes

Alright, so it sounds like we have a path forward. For 647, the new prerequisites that you would like would be EET 244, EET 247 (or C Programming), and EET 349. I will send an email out with all of the documents once I have reviewed/tweaked them once more.

Clark D. Shaver, PE

Associate Professor
Electronics Engineering Technology
Pittsburg State University
620.235.4357

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From: Erik Mayer [mailto:emayer@pittstate.edu]
Sent: Wednesday, September 14, 2016 12:16 AM
To: Clark Shaver <cshaver@pittstate.edu>
Cc: Randy Winzer <wwinzer@pittstate.edu>; Jim Lookadoo Jim Lookadoo <lookadoo@pittstate.edu>
Subject: Re: up coming changes

I replied in green below:

From: "Clark Shaver" <cshaver@pittstate.edu>
To: "Erik Mayer" <emayer@pittstate.edu>, "Randy Winzer" <wwinzer@pittstate.edu>
Cc: "Jim Lookadoo Jim Lookadoo" <lookadoo@pittstate.edu>
Sent: Tuesday, September 13, 2016 10:54:32 AM
Subject: RE: up coming changes

So for the curriculum changes, I had 2 added thoughts and some response to Erik's comments.

1. I would like to change the prerequisites for 144. Now it is recommended that they have an algebra or some equivalent course. I would like that to be required. Those enrolled in 144 who struggle with algebra, struggle with 144.
2. I am proposing to make a change to EET340 so if students have had Physics II, that that will count as a prerequisite. I am not in love with this idea, but just thought it might make our lives easier with the mechanical students.

Whatever you think is best for the above two statements is fine with me (I don't really have a horse in this race).

3. As for Erik's comments See responses below in red

Any thoughts?

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

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To: Randy Winzer <wwinzer@pittstate.edu>

Cc: Clark Shaver <cshaver@pittstate.edu>; Jim Lookadoo Jim Lookadoo <lookadoo@pittstate.edu>

Subject: Re: up coming changes

By the numbers:

2 and 3. For assessment, I think it was good having EET 299 at the end of the sophomore year since that gave us data about the students' progress halfway through the program. With the assessment of students during senior design, we were sampling at twice the graduation rate (1 student/four years) so we were meeting Shannon's sampling criterion. However, now that we are assessing in almost every course, I feel that EET 299 isn't really needed. It seems more a measurement of what students remember from courses taken 1-3 semesters ago and not a good measurement of what they learned by the end of a course. If you want to use EET 299 to make sure students are prepared for senior design, it makes sense to do what you are proposing if the grade in EET 299 is based on their performance on the assessment exams. I am on the fence about it being a brainstorming course as students will be halfway through classes which may have knowledge they could use for senior design, so they may not have a good idea until the end of the semester of what they want to work on. A couple of things happening here. 1st we are preparing for the potential deletion of EET 299. The by-course assessment makes this a possibility. 2nd The advisory committee recommendation, which I wholly support and think is a good idea of having students get working on idea generation sooner. The suggestion was the addition of a ½ hour course that would just force students to basically complete gate 1 (get an idea, get a teammate). This would be incredibly useful for SR design. I feel it would improve idea concepts without degrading the parts of the project we have in place now. 3rd thing is that in the event that we do not assess in 299 as we have been, we could move the SME test to the 299 course and it would no longer interfere with SR design. 299 will no longer be a prereq for anything except SR design, so it will not stop students from taking it whenever they please...after the basic courses.

Whatever you want to do here is fine with me (no horse here, either). Let's try it and see how it works out.

5. I think having EET 349 as a prerequisite for EET 546 could be a good thing. From student conversations, it appears that the current course content deals with sensors. I don't cover instrumentation amplifiers in EET 349 so they could be covered in EET

546. Also, further work on signal conditioning could be covered. At BGSU, we had a similar "Instrumentation" course that covered sensors, instrumentation amplifiers, and signal conditioning. It emphasized using signal conditioning for DAQs and also covered LabVIEW for programming the DAQs. Great

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Having the EET 341 prerequisite as an incentive for students to take EET 341 is not a bad idea since we have a number of emphasis courses which require EET 341.

8. I proposed "Analog Signal Processing" as the trend seems to be the integration of analog circuits and digital signal processors on the same IC. So, it looks like there will be a decreasing need for graduates to actually build analog circuits using separate ICs. However, they will still need to understand analog circuits so they can program them into devices such as field programmable analog arrays (FPAAs) or use them in data acquisition systems (DAQs). Doing a Google search, I have found a number of other universities that have ASP classes that have the same content as EET 349 Linear. However, I have also found other universities who ASP classes similar to our EET 341 Signal Analysis. So, maybe "Analog Signal Processing Circuits" for EET 349 would be more descriptive, but it is a little long. I thought it would be nice to have course title more descriptive than "Linear Integrated Circuits" since some of the circuits covered in the class such as timers and comparators technically aren't linear systems. How about "Analog Integrated Circuits?" Randy also suggested 'Analog Circuits'. I am great with either one. For now I am putting down Analog Integrated Circuits unless someone shouts loud.

I also thought about "Analog Circuits," but technically that description would include discrete transistor circuits that are taught in devices and circuits taught in EET 144 and 246. I felt the "Integrated" better specified the op-amps, comparators, and timers that are taught in the course.

i. New prerequisites and course name for EET 647 (new item): How about we drop EET 341 from the prerequisites for EET 647 Embedded DSP and add EET 247 Computer Programming and EET 349 Linear? The EET 341 requirement might be scaring students off. I previously proposed EET 341 because I had a student that said that he would have liked to take EET 341 first, but the textbook approaches DSP in a way that doesn't

require them to have Laplace and Fourier transforms. It does, however, discuss filter requirements for DSP, thus the proposed EET 349 class (I also start discussing A/D and D/A in EET349). We also program in C in the class, thus the proposed EET 247 requirement. Also, we could drop "Embedded" from the course name. Name change sounds good. Adding a programming course sounds good. However, I would assume that it would be a much easier step to do Z-transforms and difference equations if they had Laplace, transfer functions, time shifts, some diffEq, etc. under their belt??

Thinking it over, the students need to know binary for the class and need to be familiar with clocked circuits. Let's also add EET 244 Logic Circuits as a prerequisite.

Here's the textbook I use for the theoretical part of the class:

<http://www.dspguide.com/> . The author actually teaches most of the DSP theory with just alluding to Laplace and z transforms here and there. There is a z-transform chapter but it is near the end of the text. I personally like the author's approach because I feel it explains things better than DSP books which throw a lot of equations at you. He does a good job of describing difference equations, convolution, impulse responses, delays, DFT, etc. in terms of sample numbers and using illustrations. (In fact, his explanation of convolution helped me understand the whole flipping thing). For filters, he just gives the impulse response or difference equation for them and he doesn't really get too deep in how they are derived. So, this class is more a digital version of EET 349 as opposed to a digital version of EET 341. I have been doing z-transforms at the end of the class, but it is a little rushed with everything else I am trying to cover. I have been doing revisions each time I teach this class to try and streamline it.

Sincerely,
Erik Mayer

From: "Randy Winzer" <wwinzer@pittstate.edu>

To: "Clark Shaver" <cshaver@pittstate.edu>

Cc: "Jim Lookadoo Jim Lookadoo" <lookadoo@pittstate.edu>, "Erik Mayer" <emayer@pittstate.edu>

Sent: Thursday, September 8, 2016 3:22:54 PM

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Pittsburg, KS 66762
(620) 235-4370

From: "Clark Shaver" <cshaver@pittstate.edu>
To: "Randy Winzer" <wwinzer@pittstate.edu>, lookadoo@pittstate.edu, "Erik Mayer" <emayer@pittstate.edu>
Sent: Thursday, September 8, 2016 3:03:45 PM
Subject: up coming changes

We are going to make some changes to the curriculum flow. Here is a summary of the changes I am proposing for the EET curriculum.

1. Remove EET 299 – Core Exam as a prerequisite for all courses, EXCEPT SR Design. This will require replacing new prerequisites that make sense.
2. EET 299 will now be used for two purposes. 1) assessment as it currently is and 2) as a brainstorming course for SR design students. In essence it allows student to have project ideas and teams worked out prior to enrollment in SR design. Instead of 5 weeks, it will now be 10 weeks and I will take the last 5 weeks.
3. In the recommended sequence of events EET 299 will be moved to spring of Junior year.
4. The MECET electromechanical emphasis is being revamped with input from us. This is now what their requirements will be
 - i. ALL MECET majors take EET 141 – Intro to elec
 - ii. Emphasis courses are
 1. EET 244 Logic Circuits

2. EET 340 Intro to Automation
3. EET 448 Networks
4. EET 649 Advanced PLCs
5. When we get MECET out of EET 546, Randy has suggested that we put more substance into the course and while so doing, change prerequisites.
6. EET 540 – SR Design I will have new prerequisites getting rid of EET 447. New prerequisites are: 341, 344, 349, 299 + 3hrs additional 300+ EET courses
7. Eng Calc II will be added as an either or for degree requirements so students can take Calc II or Eng Calc II
8. While these changes are happening, Erik has suggested a change for EET 349 a change in course description and a change in name. The new name would be Analog Signal Processing.

i. NEW PREREQUISITES

- a. EET 244 (Logic Circuits) - EET 100 -OR- EET 141
- b. EET 341 (signals&systems) - [Calc II or Eng Calc II] & AC Signals
- c. EET 344 (microcomputers) - Digital Logic
- d. EET 349 (Linear Circuits) - AC, Devices and Calc I
- e. EET 448 (Networks) - Digital Logic
- f. EET 546 (Elec. Controls) - Linear Circuits
- g. EET 540 (Capstone) - 299, 341, 344, 349 + 3hrs of 300+ EET credit

I have worked out the sequence of classes and it turns out there is only a couple of small changes, not a big deal.

Here are my concerns:

1. If all MECET majors are required to take 141 (now they all must take 340) will that explode that course beyond capacity?
2. The new name for Linear –Analog Signal Processing, does not fit well in my mind. It makes me think we are teaching a second Signal Analysis course. Any thoughts?
3. Are the restrictions to get into EET 540, capstone, too restrictive and we will end up making lots of exceptions, or is this reasonable.
4. The new prerequisite for EET 546, means that there is a bit of a long path to get to/through that course, I don't foresee any real issues there but thought maybe you guys may have insight.
5. The things I don't see. What are they?

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

**No Trees were harmed in the sending of this message, but a large number of electrons were terribly inconvenienced.*

Clark Shaver

From: David Miller <djmiller@pittstate.edu>
Sent: Saturday, September 17, 2016 3:57 AM
To: Greg Murray
Cc: Clark Shaver
Subject: Re: EET 546 & EET 448

Here is the MECET emphasis breakdown with hours tabulated (ignore all the sheets except for Emphasis Recommended Sequence - I can't figure out how to delete them from my iPad). I have assumed that all tech electives are 300+, but that is not a significant change from (at least my) current advising policy.

I agree, Clark, that it should not present a problem as long as the classes are offered at the same times as they have been historically.

David Miller, PhD
Associate Professor
Mechanical Engineering Technology
Pittsburg State University
W224c KTC, 1701 South Broadway
Pittsburg, KS 66762-7565
P: (620) 235-6115 F: (620) 235-4004
djmiller@pittstate.edu

On Sep 16, 2016, at 1:20 PM, Greg Murray <gmurray@pittstate.edu> wrote:

Keep in mind that students must have 45 or more credit hours from courses 300 level and above. This would give our students 39 of those hours, so we would need to make sure that 6 of the 10 Technical Elective hours are 300 level or above. Double check my math, but I think that is correct.

<PSU_split_face.jpg><Chair Signature.jpg>

From: "Clark Shaver" <cshaver@pittstate.edu>
To: "David Miller" <djmiller@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Sent: Friday, September 16, 2016 1:11:02 PM
Subject: EET 546 & EET 448

Dave,

Could I get your input on upcoming changes for two EET courses.

1st, is EET 448 Networks, this course is required currently for your electromechanical students. We are changing the prerequisite to EET 244 Logic Circuits. 2nd is EET 546 Elec. Controls, this course is required currently for your electromechanical students. We are changing the prerequisites to be EET 349 – Linear Systems.

It is my understanding that your current electro-mechanical emphasis requirements are going to be altered. The change is to drop EET 546 as a required course and add EET 244.

CURRENT

EET 141

EET 448

EET 546

EET 649

FUTURE

EET 141

EET 244

EET 448

EET 649

If this is correct then the change to 546 prerequisites should no longer affect you and the change to EET 448 prerequisite will mean the prerequisite will be a required course for your emphasis students. As far as I can see this should not be a problem for your students. Thoughts?

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

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Clark Shaver

From: David Miller <djmiller@pittstate.edu>
Sent: Tuesday, September 20, 2016 11:15 AM
To: Clark Shaver
Subject: Fwd: EET 546 & EET 448

FYI

From: "Tim Thomas" <tthomas@pittstate.edu>
To: "djmiller" <djmiller@pittstate.edu>
Sent: Tuesday, September 20, 2016 9:29:12 AM
Subject: Re: EET 546 & EET 448

Dave;

I agree ... I was not saying don't change the emphasis, I was just pointing out 300+ hours is a problem. Your solution is good except for a student that transfers in with all their tech elec's completed. I think there will be a fair number that will be challenged by this requirement, but they will just need to be handled through the advisors as you said.

Tim Thomas
Professor/Interim Associate Dean
Engineering Technology/College of Technology
W122e, KTC
1701 S. Broadway
Pittsburg State University
620.235.4353, ph
620.235.4004, fx

From: "David Miller" <djmiller@pittstate.edu>
To: "Tim Thomas" <tthomas@pittstate.edu>
Cc: "Clark Shaver" <cshaver@pittstate.edu>
Sent: Tuesday, September 20, 2016 9:06:41 AM
Subject: Re: EET 546 & EET 448

Tim--

Clark and I discussed this a little more this morning. Clark told me that once they've taken 244 (currently being added to the emphasis sequence), they will have the prerequisites for several other upper division EET courses that they will be able to take for as tech electives during their senior year. We both agree that it will take diligence on the part of the student and his adviser, but in the long run the students will be better off with the new arrangement.

--DM

From: "djmiller" <djmiller@pittstate.edu>
To: "Tim Thomas" <tthomas@pittstate.edu>
Sent: Monday, September 19, 2016 9:51:44 AM
Subject: Re: EET 546 & EET 448

I don't disagree, but it's been my policy to advise students to take 300-level+ tech electives. If they do so, they will end up with 49 hours of upper division.

--DM

From: "Tim Thomas" <tthomas@pittstate.edu>
To: "djmillr" <djmillr@pittstate.edu>
Sent: Monday, September 19, 2016 9:49:31 AM
Subject: Re: EET 546 & EET 448

Dave;

I think changing the electromechanical emphasis is needed and the proposed changes are good. The only challenge I see is 2 of the four courses are below 300 level so these students will struggle to meet the 45 hours of upper division.

Tim Thomas
Professor/Interim Associate Dean
Engineering Technology/College of Technology
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1701 S. Broadway
Pittsburg State University
620.235.4353, ph
620.235.4004, fx

From: "David Miller" <djmillr@pittstate.edu>
To: "Daniel Maxwell" <dmaxwell@pittstate.edu>, "Brock Skaggs" <fskaggs@pittstate.edu>, "Tim Thomas" <tthomas@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Sent: Monday, September 19, 2016 8:38:45 AM
Subject: Re: EET 546 & EET 448

Here is the packet for the proposed legislation to change the electromechanical emphasis area. Please take a look and let me know if there are required changes before I submit it?

--DM

From: "djmillr" <djmillr@pittstate.edu>
To: "Daniel Maxwell" <dmaxwell@pittstate.edu>, "Brock Skaggs" <fskaggs@pittstate.edu>, "Tim Thomas" <tthomas@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Sent: Saturday, September 17, 2016 4:04:48 AM
Subject: Fwd: EET 546 & EET 448

Something I forgot to mention from yesterday's CP meeting: EET has been working on some changes to their curriculum. Clark and I talked about what classes he thought would benefit our students, and from conversations we've had with our IAB, they don't seem to have any opinion. I wanted to make you aware of the change. They're targeting the Fall 2017 catalog. See Clark's email below for details.

I will be putting together the legislation packet to change our emphasis area to reflect these changes next week, and I will send it to you for review at that time.

David Miller, PhD
Associate Professor
Mechanical Engineering Technology
Pittsburg State University
W224c KTC, 1701 South Broadway
Pittsburg, KS 66762-7565
P: (620) 235-6115 F: (620) 235-4004
djmiller@pittstate.edu

Begin forwarded message:

From: "Clark Shaver" <cshaver@pittstate.edu>
Date: September 16, 2016 at 1:11:02 PM CDT
To: "David Miller" <djmiller@pittstate.edu>
Cc: "Greg Murray" <gmurray@pittstate.edu>
Subject: EET 546 & EET 448

Dave,

Could I get your input on upcoming changes for two EET courses.

1st, is EET 448 Networks, this course is required currently for your electromechanical students. We are changing the prerequisite to EET 244 Logic Circuits. 2nd is EET 546 Elec. Controls, this course is required currently for your electromechanical students. We are changing the prerequisites to be EET 349 – Linear Systems.

It is my understanding that your current electro-mechanical emphasis requirements are going to be altered. The change is to drop EET 546 as a required course and add EET 244.

CURRENT

EET 141
EET 448
EET 546
EET 649

FUTURE

EET 141
EET 244
EET 448
EET 649

If this is correct then the change to 546 prerequisites should no longer affect you and the change to EET 448 prerequisite will mean the prerequisite will be a required course for your emphasis students. As far as I can see this should not be a problem for your students. Thoughts?

Clark D. Shaver, PE
Associate Professor
Electronics Engineering Technology
Pittsburg State University

Zimbra

aashmore@pittstate.edu

FW: Electronic Engineering Tech. curriculum change

From : Clark Shaver <cshaver@pittstate.edu> Fri, Oct 07, 2016 10:10 AM
Subject : FW: Electronic Engineering Tech. curriculum change
To : aashmore@pittstate.edu

Angela, please attach this email to the curriculum legislation.

Thanks,

Clark D. Shaver, PE
Associate Professor
Electronics Engineering Technology
Pittsburg State University
620.235.4357

*No Trees were harmed in the sending of this message, but a large number of electrons were terribly inconvenienced.

-----Original Message-----

From: Tim Flood [mailto:tflood@pittstate.edu]
Sent: Friday, October 07, 2016 9:15 AM
To: Clark Shaver <cshaver@pittstate.edu>
Subject: Re: Electronic Engineering Tech. curriculum change

Thanks,

That is what the course was designed for. We should have no problem accommodating your students.

Tim

----- Original Message -----

From: "Clark Shaver" <cshaver@pittstate.edu>
To: tflood@pittstate.edu
Sent: Tuesday, October 4, 2016 12:38:32 PM
Subject: Electronic Engineering Tech. curriculum change

Tim,

This email is to inform you that in the next session of curriculum changes, our program (Electronics Engineering) will be making MATH 154 Engineering Calculus II an alternative to MATH 155 Calculus II. This should be in effect for SP17. It will probably mean a shift in the course enrollment shortly thereafter. Just wanted to make you aware.

We appreciate the effort of getting this new course together and we expect that most of our students will opt to take this course as opposed to the traditional Calc II course.

Thanks,

Clark D. Shaver, PE

Associate Professor

Electronics Engineering Technology

Pittsburg State University

620.235.4357

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Request for Revision to Curriculum

Revision for: ☒ Major ☐ Minor ☐ Emphasis ☐ Certificate

Department: Mechanical Engineering Technology College: Technology

Submission Date: 10/07/16

Revision Effective: Fall, 2017
(Year)

Contact Person: David Miller ☒ Faculty member ☐ Chair

Name of Existing Major or Minor/Emphasis/Certificate: Mechanical Engineering Tehcnology

If proposing a name change to major or minor/emphasis/certificate, indicate Proposed Name Change:

Description of Change: Changing program sequence to include new class (MATH 154 - Engineering Calculus II) being offered by Math department, and to update Electromechanical Emphasis to reflect changes being made by Electronics Engineering Technology program (remove EET 546: Electronic Controls, add EET 244: Logic Circuits).

Rationale for Change (include changes to curriculum objectives): Course was specifically designed for ETECH majors by including practical examples related to Mechanical Engineering Technology; course sequence in Electronics Engineering Technology was changed, so this update will accommodate new prerequisite sequence.

Is this revision related to, and/or may affect, any degree program or minor/emphasis/certificate at any other Regent university?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation.

This sequence is only taken by students in the Mechanical Engineering Technology program.

Is this revision related to, and/or may affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This sequence is only taken by MECET students, and its based on a change to another program's course offerings

Existing Major or Minor/Emphasis/Certificate

Copy and paste the existing curriculum as it currently appears in the online catalog:

Degree: Bachelor of Science in Engineering Technology Major: Mechanical Engineering Technology Emphasis/Option: Design, Manufacturing or Electromechanical Minor (if required): As of Fall 2015

Major Requirements Technical Sciences (43 hours) MFGET 263 Manufacturing Methods I (satisfied by general education) (2 hours)

MECET 121: Engineering Graphics I3

MECET 220: Statics3 or PHYS 220: Engineering Mechanics I-Statics
.....3

MECET 226: Computer Aided Design3

MFGET 268: Manufacturing Methods I Laboratory1

ETECH 296: Materials in Industry3

MECET 323: Advanced Engineering Graphics	3
EET 340: Introduction to Industrial Automation	3
MECET 420: Kinematics	2
MECET 423: Mechanics of Materials	3
MECET 424: Mechanics of Materials Laboratory	1
MECET 428: Thermodynamics	3 or PHYS 514: Applied Thermodynamics
.....	3
ETECH 502: Engineering Economy	3
MECET 523: Mechanical Design I	3
MECET 524: Fluid Mechanics	3
MECET 525: Fluid Mechanics Laboratory	1
MFGET 666: Manufacturing and Design Project I	2
MFGET 669: Manufacturing and Design Project II	3
MECET 220 Statics and MECET 428 Thermodynamics is preferred.	

Technical Specialties (Choose an emphasis)**

Emphasis I- Design (12 hours)

MECET 522: Dynamics	3 or PHYS 522: Engineering Mechanics II--Dynamics
.....	3
MECET 528: Computer Aided Modeling	3
MECET 623: Mechanical Design II	3
MECET 682: Heat Transfer	3
MECET 522 Dynamics is preferred.	

Emphasis II- Manufacturing (13 hours)

MFGET 363: Principles of Tool Design	3
MFGET 367: Manufacturing Methods II	4
MFGET 567: Principles of Metalcasting	3
MFGET 661: Computer Aided Manufacturing	3

Emphasis III- Electromechanical (12 hours)

EET 141: Introductory Electronics	3
EET 448: Network Systems	3
EET 546: Electronic Controls	3
EET 649: Advanced Programmable Logic Controllers	3

Emphasis IV- Automotive (12 hours)* Choose 12 hours from the following:

AT 301: Fundamentals of Collision Technology	3
AT 314: Manual Transmission and 4WD Mechanisms	3
AT 414: Automatic Transmissions	3
AT 418: Failure Analysis	3
AT 611: Diesel Engine Fundamentals	3
AT 615: Engine Performance Laboratory	3

In order to meet the requirements of the Technology Accreditation Commission of ABET, Inc., partial waivers for the Pittsburg State University general education requirements have been allowed. *It is recommended Approved Technical Electives be completed from the Automotive area for this emphasis. **Student must declare either design, manufacturing, electromechanical or automotive emphasis and follow emphasis sequence. Support Courses (26 hours)

CHEM 215: General Chemistry I	3
CHEM 216: General Chemistry I Laboratory.	2
CIS 230: Visual Basic Programming	3 or CIS 240: C ++ Programming
.....	3

ENGL 301: Technical/Professional Writing	3
MATH 150: Calculus I	5
MATH 155: Calculus II	5
PHYS 101: College Physics II	4 or PHYS 105: Engineering Physics II
.....	4
PHYS 131: Elementary Physics Laboratory II	1
PHYS 105 Engineering Physics II is preferred.	

Approved Technical Electives (requires advisor's approval) (10 hours) Total hours for Bachelor of Science in Engineering Technology with a major in Mechanical Engineering Technology (128-133 hours)

GENERAL EDUCATION REQUIREMENTS (37-39 hrs.)

Basic Skills 13 hours

COMM 207 Speech Communication.....	3
ENGL 101 English Composition.....	3
ENGL 190 Honors English Composition.....	3 or ENGL 299 Introduction to Research Writing..... 3
MATH 126 Pre-Calculus.....	4

Sciences 9 hours Natural Sciences (Select one)

BIOL 113 Environmental Life Science	4
---	---

Physical Sciences (Select one)

PHYS 100 College Physics I.....	4 or PHYS 104 Engineering Physics I	4
PHYS 130 Elementary Physics Laboratory I	1	

Social Studies 3 hours

SOC 100 Introduction to Sociology	3
WGS 200 Introduction to Women's Studies	3

Health and Well Being 4-6 hours

Psychological

PSYCH 155 General Psychology	3
------------------------------------	---

Physical (Select one)

FCS 203 Nutrition and Health.....	3
FCS 301 Nutrition.....	3
HHP 150 Lifetime Fitness Concepts.	1
NURS 303 Introduction to Public Health.....	3

Producing and Consuming 5 hours

Technology

MFGET 263 Manufacturing Methods I.	2
---	---

Economy/Business (Select one)

ACCTG 201 Financial Accounting	3
MGMKT 101 Introduction to Business	3
ECON 191 Issues in Today's Economy	3
ECON 200 Introduction to Microeconomics	3 or ECON 201 Introduction to Macroeconomics
3	

Select one course from Political Studies, Fine Arts & Aesthetic Studies, Cultural Studies or Human Heritage 3 hours

Political Studies

POLS 101 U.S. Politics.....	3
POLS 103 Comparative Political Institutions	3

Fine Arts and Aesthetic Studies

ART 155 Printmaking and Paper Arts.....	3
ART 178 Introduction to the Visual Arts	3
ART 188 The Designed World.....	3
ART 217 Crafts I.....	3
ART 222 Jewelry Design I	3
ART 233 Drawing I	3
ART 244 Ceramics I	3
ART 266 Sculpture I	3
ART 277 Painting I	3
ART 288 Introduction to Art History I	3
ART 289 Introduction to Art History II	3
ART 311 Art Education.....	3
ART 351 Printmaking, Papermaking, Bookarts and the Letterpress.....	3
ART 430 Automotive: Art and Design.....	3
COMM 105 Performance Appreciation.....	3
COMM 205 Performance Studies.....	3
COMM 295 Theatre History.....	3
ENGL 250 Introduction to Creative Writing	3
HHP 151 Dance Appreciation.....	3
MUSIC 120 Music Appreciation.....	3
MUSIC 121 Introduction to Music Literature	2

Cultural Studies

ANTH 101 Introduction to Cultural Anthropology.....	3
MLL 114 Chinese Language and Culture I	3
MLL 124 French Language and Culture I	3
MLL 154 Spanish Language and Culture I	3
MLL 184 Russian Language and Culture I	3
MLL 194 Korean Language and Culture I.....	3
GEOG 106 World Regional Geography	3
GEOG 300 Elements of Geography.....	3
GEOG 304 Human Geography.....	3
WGS 399 Global Women's Issues.....	3

Human Heritage

History

HIST 101 World History to 1500.....	3
HIST 102 World History from 1500.....	3
HIST 201 American History to 1865.	3
HIST 202 American History from 1865	3

Literature

ENGL 113 General Literature.	3
ENGL 114 General Literature(Genre)	3
ENGL 116 General Literature(Theme).	3
ENGL 120 Literature and Film	3
ENGL 315 Mythology.....	3
ENGL 320 Literature and Film	3

Philosophy

PHIL 103 Introduction to Philosophy.....	3
PHIL 105 Ethics	3
PHIL 111 Ethics: Applied Emphasis(____).....	3
PHIL 112 Biomedical Ethics.....	3
PHIL 113 Business Ethics.....	3
PHIL 114 Environmental Ethics.....	3
PHIL 207 Critical Thinking.....	3
PHIL 208 Logic	3
PHIL 231 World Religions.	3

Proposed Major or Minor/Emphasis/Certificate:

List below, the proposed curriculum as you wish it to appear in the online catalog:

Degree: Bachelor of Science in Engineering Technology

Major: Mechanical Engineering Technology

Emphasis/Option: Design, Manufacturing, Electromechanical, Automotive or Biomedical

Accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>.

Major Requirements

Technical Sciences (43 hours)

MFGET 263 Manufacturing Methods I (satisfied by general education) (2 hours)

MECET 121: Engineering Graphics I 3

MECET 220: Statics 3

or PHYS 220: Engineering Mechanics I-Statics 3

MECET 226: Computer Aided Design 3

MFGET 268: Manufacturing Methods I Laboratory 1

ETECH 296: Materials in Industry 3

MECET 323: Advanced Engineering Graphics 3

EET 340: Introduction to Industrial Automation 3

MECET 420: Kinematics 2

MECET 423: Mechanics of Materials 3

MECET 424: Mechanics of Materials Laboratory 1

MECET 428: Thermodynamics 3

or PHYS 514: Applied Thermodynamics 3

ETECH 502: Engineering Economy 3

MECET 523: Mechanical Design I 3

MECET 524: Fluid Mechanics 3

MECET 525: Fluid Mechanics Laboratory 1

MFGET 666: Manufacturing and Design Project I 2

MFGET 669: Manufacturing and Design Project II 3

MECET 220 Statics and MECET 428 Thermodynamics are preferred.

Technical Specialties (Choose an emphasis)**

Emphasis I- Design (12 hours)

MECET 522: Dynamics 3

or PHYS 522: Engineering Mechanics II--Dynamics 3

MECET 528: Computer Aided Modeling 3

MECET 623: Mechanical Design II 3

MECET 682: Heat Transfer 3

MECET 522 Dynamics is preferred.

Emphasis II- Manufacturing (13 hours)

MFGET 363: Principles of Tool Design 3

MFGET 367: Manufacturing Methods II 4

MFGET 567: Principles of Metalcasting 3
 MFGET 661: Computer Aided Manufacturing 3
 Emphasis III- Electromechanical (12 hours)
 EET 141: Introductory Electronics 3
 EET 244: Logic Circuits 3
 EET 448: Network Systems 3
 EET 649: Advanced Programmable Logic Controllers 3

Emphasis IV- Automotive (12 hours)* Choose 12 hours from the following:

AT 301: Fundamentals of Collision Technology 3
 AT 314: Manual Transmission and 4WD Mechanisms 3
 AT 414: Automatic Transmissions 3
 AT 418: Failure Analysis 3
 AT 611: Diesel Engine Fundamentals 3
 AT 615: Engine Performance Laboratory 3
 Emphasis V- Biomedical (22 hours)†
 MATH 212: Matrix Algebra 2
 BIOL 257: Anatomy and Physiology 3
 BIOL 257: Anatomy and Physiology Lab 2
 BIOL 410: Biological/Medical Terminology 2
 MECET 522: Dynamics 3
 MECET 528: Computer Aided Modeling 3
 MECET 627: Intro to Biomedical Eng Tech 3
 ETECH 670: Professional Certification Sem 1
 MECET 682: Heat Transfer 3

In order to meet the requirements of the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>, partial waivers for the Pittsburg State University general education requirements have been allowed.

*It is recommended Approved Technical Electives be completed from the Automotive area for this emphasis.

**Student must declare design, manufacturing, electromechanical, automotive or biomedical emphasis and follow emphasis sequence.

†Students in the automotive and biomedical emphasis have all of their technical elective hours accounted for by the program.

Support Courses (25-26 hours)

CHEM 215: General Chemistry I 3
 CHEM 216: General Chemistry I Laboratory 2
 CIS 230: Visual Basic Programming 3
 or CIS 240: C ++ Programming 3
 ENGL 301: Technical/Professional Writing 3
 MATH 150: Calculus I 5
 MATH 154: Engineering Calculus II 4
 or MATH 155: Calculus II 5
 PHYS 101: College Physics II 4
 or PHYS 105: Engineering Physics II 4
 PHYS 131: Elementary Physics Laboratory II 1

PHYS 105 Engineering Physics II and MATH 154 Engineering Calculus II are preferred.

Approved Technical Electives (requires advisor's approval) (10 hours)†

Total hours for Bachelor of Science in Engineering Technology with a major in Mechanical Engineering Technology (126-128 hours)

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):

N/A

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?

☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Will this revision have specific General Education courses required? ☐ Yes ☒ No

Please realize that it will need to gain approval of the General Education Committee.

4. Will this revision affect any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this modification (e.g. staffing, equipment, etc.)?

N/A

Additional Questions for certificate only:

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines?

(minimum of 24 hours) ☐ Yes ☐ No

2. Does the course content contained within this certificate provide relevance to employment opportunities or

meet professional objectives for the student? ☐ Yes ☐ No

If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Financial Assistance to initiate Department of Education approval.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10/10/16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____
- ☐ Final approved packet forwarded to Provost's office.
Date _____ Signature, Recording Secretary, Faculty Senate _____

Notification to COCAO/Kansas Board of Regents (if required): _____ Date: _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process. If COCAO/KBOR approval is required, questions should be directed to the Provost's administrative officer at x4113.

Originating Department(s): After completing this form, in its entirety, please upload it to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Following Faculty Senate Approval, SUBMIT (if required) SIGN-OFF SHEET AND FINAL COMPLETE PACKAGE, in electronic format, TO THE OFFICE OF THE PROVOST (220 RUSS HALL). Please check with the Provost's administrative officer at x4113 if unsure.

Please Note: This is at least a 2-3 month process from the time of first submission and is designed to eliminate concerns and questions at the beginning of the process. Any questions/concerns not addressed prior to the review by the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process, before it is sent (if required) to the Kansas Board of Regents, which may result in a delay in implementation.

Request for New Minor/Concentration/Emphasis

Proposal for a New: ☐ Minor ☐ Concentration ☒ Emphasis

Department: Engineering Technology College: Technology

Submission Date: _____

Effective: Fall, 2017
(Year)

Contact Person: David Miller ☒ Faculty member ☐ Chair

Title of Proposed Minor/Concentration/Emphasis: Biomedical

Purpose/Justification for Minor/Concentration/Emphasis: This emphasis will expose students to the terminology and specialized applications of engineering concepts to the field of Biomedical Engineering. Students will learn the basics of human physiology and anatomy, and how to apply engineering knowledge gained in MECET coursework to problems involving the human body. Students completing the new emphasis will be prepared to enter the workforce in the biomedical industry, or continue their education with advanced degrees in engineering or healthcare.

Is this new minor/concentration/emphasis proposal related to, and/or may affect, any degree program or minor/concentration/emphasis at any other Regent university?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation.

The proposed Biomedical emphasis will use the core courses of PSU's Bachelor of Science in Engineering Technology (BSET), Mechanical Engineering Technology (MECET) major. The BSET MECET major is structured to be completed as a PSU on-campus program and does not directly affect any other Regent university. The courses required for the proposed Biomedical emphasis have been selected from courses currently offered by the Engineering Technology, Mathematics and Biology Departments. The proposed emphasis courses are regularly taught as on-campus courses at PSU and do not directly affect any other Regent university

Is this new minor/concentration/emphasis proposal related to, and/or may affect, any other department's/ college's/ unit's curricula or programs at Pittsburg State University?

☒ Yes ☐ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

The proposed plan would require enrollment by MECET students in several courses currently offered by the Biology and Mathematics Departments, but would otherwise not require any additional coursework that is not currently required by undergraduate MECET students. The Biology and Mathematics Departments are aware of and approve of the new emphasis, see attached documentation.

Please complete the Kansas Board of Regent forms attached to this document and list the proposed curriculum for the minor/concentration/emphasis, in section 3 (III) of the forms. Please input the proposed curriculum **as you wish it to appear in the next catalog.** If you have any questions about the KBOR forms, please contact the Provost's administrative officer at x4113.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Will this minor/concentration/emphasis have specific General Education courses required?
☒ Yes ☐ No

Please realize that it will need to gain approval of the General Education Committee.

4. Will this minor/concentration/emphasis affect any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this minor/concentration/emphasis (e.g. staffing, equipment, etc.)?
None

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10.9.16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____
- ☐ Final approved packet forwarded to Provost's office.
Date _____ Signature, Recording Secretary, Faculty Senate _____

Approval at Kansas Board of Regents level:

☐ COCAO Date: _____

The Provost's Office will notify the department, college and Registrar of the completion of the approval process.

Originating Department(s): After completing this form, in its entirety, please upload it to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" and uploaded as well. Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Following Faculty Senate Approval, SUBMIT SIGN-OFF SHEET AND FINAL COMPLETE PACKAGE, in electronic format, TO THE OFFICE OF THE PROVOST (220 RUSS HALL) FOR FORWARDING TO THE KANSAS BOARD OF REGENTS FOR BOARD APPROVAL.

Please Note: This is at least a 2-3 month process from the time of first submission and is designed to eliminate concerns and questions at the beginning of the process. Any questions/concerns not addressed prior to the review by the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee may result in an additional month added to the process, before it is sent to the Kansas Board of Regents for approval, which may result in a delay in implementation.

January 4, 2007

Kansas Board of Regents

**APPLICATION FOR APPROVAL OF
NEW MINOR/CONCENTRATION/EMPHASIS**

**PITTSBURG STATE UNIVERSITY
(NAME OF INSTITUTION)**

**1701 South Broadway – Pittsburg, KS 66762
(ADDRESS)**

**620-235-4113 (Office of the Provost – PSU)
(TELEPHONE)**

NEW Minor/Concentration/Emphasis:

**Biomedical
(Title and CIP)**

☐ New

☒ Derived from Existing Program

(DATE SUBMITTED)

(Signature of Vice-President/or Provost)

PROPOSAL FOR MINOR/CONCENTRATION/EMPHASIS
Kansas Board of Regents

Submitted by: PITTSBURG STATE UNIVERSITY

College of Technology

Division of: Office of the Provost - PSU

I. Indicate major in which concentration will be located:

Mechanical Engineering Technology

II. Give the name and describe the purpose of the proposed concentration/emphasis:

Name: **Biomedical**

Description of Purpose/Rationale:

This emphasis will expose students to the terminology and specialized applications of engineering concepts to the field of Biomedical Engineering. Students will learn the basics of human physiology and anatomy, and how to apply engineering knowledge gained in MECET coursework to problems involving the human body. Students completing the new emphasis will be prepared to enter the workforce in the biomedical industry, or continue their education with advanced degrees in engineering or healthcare.

The proposed Biomedical emphasis will use the core courses of PSU's Bachelor of Science in Engineering Technology (BSET), Mechanical Engineering Technology (MECET) major. The BSET MECET major is structured to be completed as a PSU on-campus program and does not directly affect any other Regent university. The courses required for the proposed Biomedical emphasis have been selected from courses currently offered by the Engineering Technology, Mathematics and Biology Departments. The proposed emphasis courses are regularly taught as on-campus courses at PSU and do not directly affect any other Regent university

The proposed plan would require enrollment by MECET students in several courses currently offered by the Biology and Mathematics Departments, but would otherwise not require any additional coursework that is not currently required by undergraduate MECET students. The Biology and Mathematics Departments are aware of and approve of the new emphasis, see attached documentation.

III. Provide curriculum for the major and indicate courses required for each concentration/emphasis:

Mechanical Engineering Technology major, Biomedical emphasis

Name of Major

If the format below does not fit your curriculum outline, please use the text box, at the end of this section.

Course Name & Number

Credit Hours

Core Courses:

Electives:

Research:

Practica:

Total: 128

If the above format does not fit your curriculum outline, please use this text box:

Degree: Bachelor of Science in Engineering Technology Major: Mechanical Engineering Technology Emphasis/Option:

Design, Manufacturing or Electromechanical Minor (if required): As of Fall 2015

Major Requirements Technical Sciences (43 hours) MFGET 263 Manufacturing Methods I (satisfied by general education) (2 hours)

MECET 121: Engineering Graphics I3

MECET 220: Statics3 or PHYS 220: Engineering Mechanics I-Statics
.....3

MECET 226: Computer Aided Design3

MFGET 268: Manufacturing Methods I Laboratory1

ETECH 296: Materials in Industry3

MECET 323: Advanced Engineering Graphics	3
EET 340: Introduction to Industrial Automation	3
MECET 420: Kinematics	2
MECET 423: Mechanics of Materials	3
MECET 424: Mechanics of Materials Laboratory	1
MECET 428: Thermodynamics	3 or PHYS 514: Applied Thermodynamics
.....	3
ETECH 502: Engineering Economy	3
MECET 523: Mechanical Design I	3
MECET 524: Fluid Mechanics	3
MECET 525: Fluid Mechanics Laboratory	1
MFGET 666: Manufacturing and Design Project I	2
MFGET 669: Manufacturing and Design Project II	3
MECET 220 Statics and MECET 428 Thermodynamics is preferred.	

Technical Specialties (Choose an emphasis)**

Emphasis I- Design (12 hours)

MECET 522: Dynamics	3 or PHYS 522: Engineering Mechanics II--Dynamics
.....	3
MECET 528: Computer Aided Modeling	3
MECET 623: Mechanical Design II	3
MECET 682: Heat Transfer	3
MECET 522 Dynamics is preferred.	

Emphasis II- Manufacturing (13 hours)

MFGET 363: Principles of Tool Design	3
MFGET 367: Manufacturing Methods II	4
MFGET 567: Principles of Metalcasting	3
MFGET 661: Computer Aided Manufacturing	3

Emphasis III- Electromechanical (12 hours)

EET 141: Introductory Electronics	3
EET 448: Network Systems	3
EET 546: Electronic Controls	3
EET 649: Advanced Programmable Logic Controllers	3

Emphasis IV- Automotive (12 hours)* Choose 12 hours from the following:

AT 301: Fundamentals of Collision Technology	3
AT 314: Manual Transmission and 4WD Mechanisms	3
AT 414: Automatic Transmissions	3
AT 418: Failure Analysis	3
AT 611: Diesel Engine Fundamentals	3
AT 615: Engine Performance Laboratory	3

In order to meet the requirements of the Technology Accreditation Commission of ABET, Inc., partial waivers for the Pittsburg State University general education requirements have been allowed. *It is recommended Approved Technical Electives be completed from the Automotive area for this emphasis. **Student must declare either design, manufacturing, electromechanical or automotive emphasis and follow emphasis sequence. Support Courses (26 hours)

CHEM 215: General Chemistry I	3
CHEM 216: General Chemistry I Laboratory.	2

CIS 230: Visual Basic Programming	3 or CIS 240: C ++ Programming	3
ENGL 301: Technical/Professional Writing		3
MATH 150: Calculus I		5
MATH 155: Calculus II		5
PHYS 101: College Physics II	4 or PHYS 105: Engineering Physics II	4
PHYS 131: College Physics Laboratory II		1
PHYS 105 Engineering Physics II is preferred.		

Approved Technical Electives (requires advisor's approval) (10 hours) Total hours for Bachelor of Science in Engineering Technology with a major in Mechanical Engineering Technology (128-133 hours)

GENERAL EDUCATION REQUIREMENTS (37-39 hrs.)

Basic Skills 13 hours

COMM 207 Speech Communication.....	3
ENGL 101 English Composition.....	3
ENGL 190 Honors English Composition.....	3 or ENGL 299 Introduction to Research Writing..... 3
MATH 126 Pre-Calculus.....	4

Sciences 9 hours Natural Sciences (Select one)

BIOL 113 Environmental Life Science	4
---	---

Physical Sciences (Select one)

PHYS 100 College Physics I.....	4 or PHYS 104 Engineering Physics I	4
PHYS 130 Elementary Physics Laboratory I		1

Social Studies 3 hours

SOC 100 Introduction to Sociology	3
WGS 200 Introduction to Women's Studies	3

Health and Well Being 4-6 hours

Psychological

PSYCH 155 General Psychology	3
------------------------------------	---

Physical (Select one)

FCS 203 Nutrition and Health.....	3
FCS 301 Nutrition.....	3
HHP 150 Lifetime Fitness Concepts.	1
NURS 303 Introduction to Public Health.....	3

Producing and Consuming 5 hours

Technology

MFGET 263 Manufacturing Methods I.	2
---	---

Economy/Business (Select one)

ACCTG 201 Financial Accounting	3
MGMKT 101 Introduction to Business	3
ECON 191 Issues in Today's Economy	3
ECON 200 Introduction to Microeconomics	3 or ECON 201 Introduction to Macroeconomics
3	

Select one course from Political Studies, Fine Arts & Aesthetic Studies, Cultural Studies or Human Heritage 3 hours

Political Studies

POLS 101 U.S. Politics.....	3
POLS 103 Comparative Political Institutions	3

Fine Arts and Aesthetic Studies

ART 155 Printmaking and Paper Arts.....	3
ART 178 Introduction to the Visual Arts	3
ART 188 The Designed World.....	3
ART 217 Crafts I.....	3
ART 222 Jewelry Design I	3
ART 233 Drawing I	3
ART 244 Ceramics I	3
ART 266 Sculpture I	3
ART 277 Painting I	3
ART 288 Introduction to Art History I	3
ART 289 Introduction to Art History II	3
ART 311 Art Education.....	3
ART 351 Printmaking, Papermaking, Bookarts and the Letterpress.....	3
ART 430 Automotive: Art and Design.....	3
COMM 105 Performance Appreciation.....	3
COMM 205 Performance Studies.....	3
COMM 295 Theatre History.....	3
ENGL 250 Introduction to Creative Writing	3
HHP 151 Dance Appreciation.....	3
MUSIC 120 Music Appreciation.....	3
MUSIC 121 Introduction to Music Literature	2
MUSIC 321 History of Music.....	3

Cultural Studies

MLL 114 Chinese Language and Culture I 5	
ANTH 101 Introduction to Cultural Anthropology.....	3
MLL 114 Chinese Language and Culture I	5
MLL 124 French Language and Culture I	5
MLL 154 Spanish Language and Culture I	3
MLL 184 Russian Language and Culture I	3
MLL 194 Korean Language and Culture I.....	3
GEOG 106 World Regional Geography	3
GEOG 300 Elements of Geography.....	3
GEOG 304 Human Geography.....	3
WGS 399 Global Women's Issues.....	3

Human Heritage

History

HIST 101 World History to 1500.....	3
HIST 102 World History from 1500.....	3
HIST 201 American History to 1865.	3
HIST 202 American History from 1865	3

Literature

ENGL 113 General Literature.	3
ENGL 114 General Literature(Genre)	3
ENGL 116 General Literature(Theme).	3
ENGL 120 Literature and Film	3
ENGL 315 Mythology.....	3
ENGL 320 Literature and Film	3

Philosophy

PHIL 103 Introduction to Philosophy.	3
PHIL 105 Ethics	3
PHIL 111 Ethics: Applied Emphasis(____).....	3
PHIL 112 Biomedical Ethics.....	3
PHIL 113 Business Ethics.....	3
PHIL 114 Environmental Ethics.....	3
PHIL 207 Critical Thinking.....	3
PHIL 208 Logic	3
PHIL 231 World Religions.	3

Biomedical

(Name of Concentration/Minor/Emphasis)

	Course Name & Number	Credit Hours
New Concentration/ Minor/Emphasis:		

Total: 129

If the above format does not fit your curriculum outline, please use this text box:

Emphasis V- Biomedical (12 hours)^

BIOL 257 - Anatomy & Physiology, BIOL 258 - Anatomy & Physiology Lab (5 hr)

MECET 522 - Dynamics (3 hr)

MECET 627 - Intro to Biomed Tech (3 hr)

MECET 670 - Professional Certification Sem (1hr)

^ It is required that students take BIOL 111 - General Biology and BIOL 112 - General Biology Lab instead of BIOL 113 - Environmental Life Science. The required 10 hours of Approved Technical Electives for this emphasis will consist of the following courses: MECET 528 - Computer Modeling (3 hrs), MECET 682 - Heat Transfer (3 hrs), BIOL 410 - Biological/Medical Terminology (2 hr), MATH 212 - Matrix Algebra (2 hr)

Note: By Board of Regents definition, concentrations are established within existing programs and are:

1. 24 hours or less at the undergraduate level
2. 12 hours or less at the master's level
3. 18 hours or less at the doctoral level

Faculty resources:

- A. Number of FTE faculty who teach in the major, including all concentrations/emphasis:
5
- B. Rank of faculty: Instructors: 1; Assistant Professors: 1; Associate Professors: 2; Professors: 1 GTAs: 1
- C. Preparation of faculty (indicate level of degrees): Bachelors____; Masters3; Doctors2
- D. Explain other instructional responsibilities of faculty. (e.g. list service courses in school or for other schools/majors): _____

MECET Biomed Emphasis Recommended Sequence

Year 1

Sem 1

ENGL 101	English Composition	3
MECET 121	Engineering Graphics I	3
* BIOL 111	General Biology	3
* BIOL 112	General Biology Lab	2
Math 126	Pre-Calculus	4
HHP 150	Lifetime Fitness	1
		16 Currently 15

Sem 2

MATH 150	Calculus 1	5
PSYCH 155	General Psychology	3
CHEM 215	General Chemistry I	3
CHEM 216	General Chemistry I Lab	2
MFGET 263	Manufacturing Methods I	2
MFGET 263	Manufacturing Methods I Lab	1
		16

Year 2

Sem 1

MATH 155	Calculus II	5
ECON 200	Microeconomics or P&C	3
COMM 207	Speech Communication	3
MECET 226	Computer Aided Design	3
ETECH 296	Materials in Industry	3
		17

Sem 2

SOC 100	Introduction to Sociology	3
PHYS 104	Engineering Physics I	4
PHYS 130	Elementary Physics Lab I	1
CIS 230	Visual Basic Programming	3
ENGL 299	Introduction to Research Writing	3
MECET 323	Adv. Eng. Graphics	3
		17

Year 3

Sem 1

PHYS 105	Engineering Physics II	4
PHYS 131	Elementary Physics Lab II	1
MECET 220	Statics	3
MECET 524	Fluid Mechanics	3
MECET 525	Fluid Mechanics Lab	1
BIOL 246	A&P Lab	2
BIOL 247	Anatomy & Physiology	3
		17 Currently 15

Sem 2

MECET 420	Kinematics	2
MECET 423	Mechanics of Materials	3
MECET 424	Mechanics of Materials Lab	1
MECET 682	Heat Transfer	3
EET 340	Intro. To Indst. Autom.	3
ENGL 301	Tech/Prof Writing	3
		15 currently 15

Year 4

Sem 1

MECET 428	Thermodynamics	3
MECET 523	Mech. Des. I	3
MFGET 666	Project I	2
MECET 512	Dynamics	3
MECET 528	Computer Modeling	3
ETECH 502	Engineering Economy	3
		17 Currently 17

Sem 2

MFGET 669	Project II	3
MECET 687	Intro to Biomed Tech	3
** MATH 212	Matrix Algebra	2
BIOL 410	Biological/Medical Terminology	2
MECET 670	Professional Communication Sem	2
PHIL 105	Ethics	3
		14 Currently 16

**Or MATH 143 – Elementary Statistics

*Required pre-rec for A&P - take instead of BIOL 113

Total hours	129
Upper division	47
Emphasis	12
Tech Elective	10

Zimbra**djmiller@pittstate.edu**

Re: New Biomedical emphasis in Mechanical Engineering Technology.

From : Tim Flood <tflood@pittstate.edu>

Mon, Feb 08, 2016 03:19 PM

Subject : Re: New Biomedical emphasis in Mechanical Engineering Technology.**To :** David Miller <djmiller@pittstate.edu>

David,

That all looks good to me. It should work the way you have it in that the students should be OK taking Math 212 (or 143) at any point. If it didn't cause too much difficulty, you might want to consider moving it up to year 2 or so. You could swap it out for one of the gen ed classes in year 2. Matrix compliments the Physics sequence well, but obviously it is not necessary. Also, Matrix is only offered once each semester so it would probably be easier for students to schedule it when most of the classes are on the main campus.

In terms of capacity, that should not be a problem. As I indicated above, we offer one section of 212 each semester and we could typically hold 10 more in each section. In terms of 143, we offer multiple sections each semester and in the summer so we should have adequate capacity there as well.

Thank you for checking with me and good luck with your new emphasis,
Tim

----- Original Message -----

From: "David Miller" <djmiller@pittstate.edu>

To: "Tim Flood" <tflood@pittstate.edu>

Sent: Monday, February 8, 2016 2:50:21 PM

Subject: New Biomedical emphasis in Mechanical Engineering Technology.

Tim--

I am proposing a new Biomedical emphasis area for the undergraduate Mechanical Engineering Technology degree (see the attached course sequence). As part of that emphasis area, I am proposing that our

students take the following classes from your department (in addition to those that they're already taking as part of the BSET degree requirements):

* MATH 212 - or - MATH 143

I don't have hard data on how many students will select this program, but I estimate no more than 6-10 per year for the first few years based on the number of students I've had in my Intro to Biomedical Engineering Technology course and the students I've spoken to on prospective student tours.

I wanted to get your feedback on whether or not you would be able to accommodate these additional students, or if you see major issues with the proposed sequence.

Please let me know your thoughts. I'd like to try to get this legislation into the process for inclusion in the Fall 2016 catalog.

Thanks.

David Miller, PhD

Associate Professor
Mechanical Engineering Technology
Pittsburg State University
W224c KTC
1701 South Broadway
Pittsburg, KS 66762-7565
P: (620) 235-6115 F: (620) 235-4004
djmillier@pittstate.edu

Zimbra

djmillier@pittstate.edu

Re: New Biomedical emphasis in Mechanical Engineering Technology.

From : Dixie Smith <dsmith@pittstate.edu>

Mon, Feb 29, 2016 05:18 PM

Subject : Re: New Biomedical emphasis in Mechanical Engineering Technology.**To :** David Miller <djmillier@pittstate.edu>

David -

We talked about this in our faculty meeting today.

- **General Biology** is no problem at all, and that makes sense to us, too.
- Regarding A&P, it would be our advice that **A&P should come earlier** than their senior year, because what they learn there should be applicable to their bioengineering courses and projects. Leaving it until they are seniors pretty much guarantees that they (1) will be frantic to get enrolled and this is a course that always fills up in a matter of a few days after enrollment begins, (2) will be missing classes as they attend conferences and senior job interviews and subsequently get into jeopardy with their grades, and (3) will not have a chance to apply what they learn and therefore will not take the course seriously. If the target was for them to take A&P during their first semester of Junior year, they would have a few semesters leeway if the course closed out the first time. As I've already stated, the physiology and structural knowledge will inform their engineering courses, and lastly, A&P is a pre-req for Kinesiology out at HHPR which would be a great elective for your students (Maybe kinesiology is already a required course - pardon my big mouth if it is.) Taking it earlier would keep that door open for them. Lastly, just FYI. A&P is a course that may soon be offered as a summer course every other year. We had some issues with it in the summer a few years ago, but those are soon going to be resolved and the summer course should offer a release valve for the enrollment pressure we have had with it in recent years.
- **Medical Terminology** is entirely online, and they can take it at any time. They don't need it before A&P because A&P has it's own terminology and there is only some overlap.

I hope this helps - Dixie

From: "David Miller" <djmillier@pittstate.edu>**To:** "Dixie Smith" <dsmith@pittstate.edu>**Sent:** Friday, February 26, 2016 1:22:13 PM

Subject: Re: New Biomedical emphasis in Mechanical Engineering Technology.

Great! Thanks. I tried to catch you after the meeting this morning, but missed you. I look forward to hearing from you.

--DM

From: "Dixie Smith" <dsmith@pittstate.edu>

To: "djmillier" <djmillier@pittstate.edu>

Cc: "Virginia Rider" <vrider@pittstate.edu>

Sent: Friday, February 26, 2016 12:39:23 PM

Subject: Re: New Biomedical emphasis in Mechanical Engineering Technology.

Hi David, Virginia mentioned to me after today's meeting that I had somehow missed your email. I am sorry to have left you hanging...I can't offer anything but lame excuses so I won't. Anyway, I don't see any immediate problems. The only thing that I can think of is that while 6-10 students should not be too taxing, A&P closes very rapidly every semester because of the great demand from nursing, and I would expect that to come up in the faculty meeting. I have it on Monday's faculty meeting agenda so we will get the topic out for discussion next week. Sometimes the faculty see issues that I don't, so let's wait and see. I should be able to respond early next week. Dixie

From: "David Miller" <djmillier@pittstate.edu>

To: "Dixie Smith" <dsmith@pittstate.edu>

Sent: Friday, February 19, 2016 8:41:53 AM

Subject: Re: New Biomedical emphasis in Mechanical Engineering Technology.

Dixie--

Have you had a chance to review the suggested courses for the proposed Biomedical emphasis area in Engineering Technology?

--DM

From: "djmillier" <djmillier@pittstate.edu>

To: "Dixie Smith" <dsmith@pittstate.edu>

Sent: Monday, February 8, 2016 2:47:33 PM

Subject: New Biomedical emphasis in Mechanical Engineering Technology.

Dixie--

I am proposing a new Biomedical emphasis area for the undergraduate Mechanical Engineering Technology degree (see the attached course sequence). As part of that emphasis area, I am proposing that our students take the following classes from your department:

Freshman Year

- BIOL 111/112 (instead of BIOL 113 as is currently recommended)

Junior Year

- BIOL 410

Senior Year

- BIOL 257/258

I don't have hard data on how many students will select this program, but I estimate no more than 6-10 per year for the first few years based on the number of students I've had in my Intro to Biomedical Engineering Technology course and the students I've spoken to on prospective student tours.

I wanted to get your feedback on whether or not you would be able to accommodate these additional students, or if you see major issues with the proposed sequence.

Please let me know your thoughts. I'd like to try to get this legislation into the process for inclusion in the Fall 2016 catalog.

Thanks.

David Miller, PhD
Associate Professor
Mechanical Engineering Technology
Pittsburg State University
W224c KTC
1701 South Broadway
Pittsburg, KS 66762-7565
P: (620) 235-6115 F: (620) 235-4004
djmillier@pittstate.edu

Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: GIT College: TechnologySubmission Date: 10/5/2016Contact Person: Doug Younger☒ Faculty member ☐ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*This course was only required of students that were Graphic Communications Management majors.Purpose/Justification for Course Deletion: This course began with the new GIT curriculum in 2011. Since then, the GIT curriculum has expanded its offerings with an emphasis in Packaging Graphics in 2015. At that time, five new courses in Packaging Graphics were added. This course continued until the new classes were able to be offered. Now that the new classes are available, this class will no longer be taught. The content of this course was divided among the new courses.**Course to be Deleted:**Course Number: GIT 532Title of Course: Packaging GraphicsCredit Hours: 3Deletion Effective: 17SP (Semester/Year)Currently Offered: ☒ Fall ☒ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ NoIs there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No
*Please realize that it will need to gain approval of the General Education Committee.*Was this course required of any education majors? ☐ Yes ☒ No*If "yes," please realize that it will need to have the approval of the Council for Teacher Education.*

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-5-2016 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 11/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the deletion.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee may result in an additional month added to the process.

Request for Deletion of Course

(Undergraduate Course Numbers through Course Number 699)

Department: GIT College: TechnologySubmission Date: 10/5/2016Contact Person: Doug Younger☒ Faculty member ☐ Chair

Will this deletion affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No*Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.*This course was only required of students that were Graphic Communications Management majors.Purpose/Justification for Course Deletion: This course was only required of students that were Graphic Communications Management majors. That degree was dropped with the major changes in the GIT department in 2011. This course was merged into another course at that time (GIT 562 Graphics Cost Analysis and Estimating). This course (GIT561) should have been deleted at that time with the major revisions but was overlooked. This deletion now removes this course number from the course catalog.**Course to be Deleted:**Course Number: GIT 561Title of Course: Graphics EstimatingCredit Hours: 3Deletion Effective: 17SP (Semester/Year)Currently Offered: ☒ Fall ☒ Spring ☐ Summer (check all that apply)Was this course a part of the General Education package? ☐ Yes ☒ NoIs there a departmental course that will be proposed as a substitute? ☐ Yes ☒ No*Please realize that it will need to gain approval of the General Education Committee.*Was this course required of any education majors? ☐ Yes ☒ No*If "yes," please realize that it will need to have the approval of the Council for Teacher Education.*

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-6-16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.27.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the deletion.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Please Note: This is a 2-3 month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee may result in an additional month added to the process.

Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: GIT College: TechnologySubmission Date: 10/5/2016Contact Person: Doug Younger ☒ Faculty member ☐ ChairRevision Effective: 17SP (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is required of GIT Packaging Graphics emphasis students, is an elective for any other GIT student, and not required for any student outside of GIT.

Purpose/Justification for Revision to Course: This revision is a change in the prerequisites for the course. Currently, the course prerequisites may be limiting enrollment and does not allow for a minor in Packaging.

Existing Course:Course Number: GIT 570Title of Course: Flexible PackagingCredit Hours: 3Prerequisite: GIT 270 Introduction to Packaging Technology and GIT 342 Print File Preparations and Preflighting

Course Description (as it appears in the current catalog): Characteristics, applications, design and production of flexible packaging.

Proposed Course:Course Number: 570Title of Course: Flexible PackagingCredit Hours: 3Prerequisite: GIT 141 Vector Graphics Software and GIT 270 Introduction to Packaging Technology

Course Description (as it will appear in the next catalog): Characteristics, applications, design and production of flexible packaging.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None. Simply a change in prerequisites

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-15-16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: GIT College: Technology

Submission Date: 10/5/2016

Contact Person: Doug Younger ☒ Faculty member ☐ Chair

Revision Effective: 17SP (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is required of GIT Packaging Graphics emphasis students, is an elective for any other GIT student, and not required for any student outside of GIT.

Purpose/Justification for Revision to Course: This revision is a change in the prerequisites for the course. Currently, the course prerequisites may be limiting enrollment and does not allow for a minor in Packaging.

Existing Course:

Course Number: GIT 571

Title of Course: Rigid Packaging

Credit Hours: 3

Prerequisite: GIT 270 Introduction to Packaging Technology and GIT 342 Print File Preparations and Preflighting

Course Description (as it appears in the current catalog): Characteristics, applications, design and production of rigid packaging.

Proposed Course:

Course Number: 571

Title of Course: Rigid Packaging

Credit Hours: 3

Prerequisite: GIT 141 Vector Graphics Software and GIT 270 Introduction to Packaging Technology

Course Description (as it will appear in the next catalog): Characteristics, applications, design and production of rigid packaging.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None. Simply a change in prerequisites

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-5 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: GIT College: TechnologySubmission Date: 10/5/2016Contact Person: Doug Younger ☒ Faculty member ☐ ChairRevision Effective: 17SP (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is required of GIT Packaging Graphics emphasis students, is an elective for any other GIT student, and not required for any student outside of GIT.

Purpose/Justification for Revision to Course: This revision is a change in the prerequisites for the course. Currently, the course prerequisites may be limiting enrollment and does not allow for a minor in Packaging.

Existing Course:

Course Number: GIT 572Title of Course: Paperboard PackagingCredit Hours: 3Prerequisite: GIT 270 Introduction to Packaging Technology and GIT 342 Print File Preparations and Preflighting

Course Description (as it appears in the current catalog): Characteristics, applications, design and production of paperboard and corrugated packaging.

Proposed Course:

Course Number: 572Title of Course: Paperboard PackagingCredit Hours: 3Prerequisite: GIT 141 Vector Graphics Software and GIT 270 Introduction to Packaging Technology

Course Description (as it will appear in the next catalog): Characteristics, applications, design and production of paperboard and corrugated packaging.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None. Simply a change in prerequisites

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-15-16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

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Request for Revision to Course

(Undergraduate Course Numbers through Course Number 699)

Department: GIT College: TechnologySubmission Date: 10/5/2016Contact Person: Doug Younger ☒ Faculty member ☐ ChairRevision Effective: 17SP (Semester/Year)

Offered: (check all that apply)

- ☒ Fall
☒ Spring
☐ Summer

Is this revision related to, and/or affect, any other department's/college's/unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

This course is required of GIT Packaging Graphics emphasis students, is an elective for any other GIT student, and not required for any student outside of GIT.

Purpose/Justification for Revision to Course: This revision is a change in the prerequisites for the course. Currently, the course prerequisites may be limiting enrollment and does not allow for a minor in Packaging.

Existing Course:

Course Number: GIT 670Title of Course: Packaging Materials and ProcessesCredit Hours: 3Prerequisite: GIT 570 Flexible Packaging, GIT 571 Rigid Packaging and GIT 572 Paperboard Packaging

Course Description (as it appears in the current catalog): Distribution, product testing, materials handling and process automation within the packaging industry.

Proposed Course:

Course Number: 670Title of Course: Packaging Materials and ProcessesCredit Hours: 3Prerequisite: GIT 141 Vector Graphics Software and GIT 270 Introduction to Packaging Technology

Course Description (as it will appear in the next catalog): Distribution, product testing, materials handling and process automation within the packaging industry.

Additional Questions

1. Is this course to be considered for General Education? ☐ Yes ☒ No

If "yes," please indicate the University's General Education Goals met by this course AND the assessment data that will be collected to measure these goals:

Please realize that it will need to gain approval of the General Education Committee.

2. Will this course be required of any education majors? ☐ Yes ☒ No

If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

3. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None. Simply a change in prerequisites

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-5-2011 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.28.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/14 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____

Each college curriculum representative will notify their respective college and department(s) of the completion of the approval process.

Originating Department: Please complete this form and upload to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" (e.g. MATH 343.version 2.docx) and uploaded as well.

Please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

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Request for New Minor/Emphasis/Certificate

Proposal for a New: ☒ Minor ☐ Emphasis ☐ Certificate

Department: Graphics and Imaging Technologies College: COT

Submission Date: 10/5/2016

Effective: Fall, 2017
(Year)

Contact Person: Doug Younger ☒ Faculty member ☐ Chair

Title of Proposed Minor/Emphasis /Certificate: Minor in Packaging Graphics

Purpose/Justification for Minor/Emphasis/Certificate: The Graphic Communications major within the Department of Graphics and Imaging Technologies provides knowledge and skill development in six emphasis areas including Digital Media, Graphic Design, Graphics Management, Packaging Graphics, Print Media and Web/Interactive Media. Students in these emphasis areas cover input, manipulation and output of graphics in a wide variety of market segments of the graphics industry.

One market segment of the graphics industry underserved in the current program offerings is the packaging industry. Packaging is one of the leading growth markets within the graphics industry. There are many job opportunities available in the packaging industry and the technology in this area continues to develop and advance. Regionally, there is no other four-year university offering any level of program dedicated to the packaging industry.

The addition of this minor to the Graphics and Imaging Technologies department will open a broader base of careers for students outside the Graphic Communications major. The packaging industry encompasses many subject areas outside of graphics include art, management, marketing, plastics engineering technology and manufacturing engineering technology. Students majoring in any of these areas could benefit from coursework leading to employment in the packaging industry.

This new minor will be created from existing courses within the Graphics and Imaging Technologies department. Courses in this minor will cover areas in the packaging industry ranging from creative and design to science and engineering to marketing and consumer behavior.

Is this new minor/emphasis/certificate proposal related to, and/or may affect, any degree program or minor/emphasis/certificate at any other Regent university?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation.

No, this minor is independent to Pittsburg State University and has no ties to any other program outside of Pittsburg State University.

Is this new minor/emphasis/certificate proposal related to, and/or may affect, any other department's/ college's/ unit's curricula or programs at Pittsburg State University?

☐ Yes ☒ No

Whether a "yes" or "no" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of e-mails, memos, etc.) that have occurred.

No, while students from other departments are welcome to enroll in this minor, the courses of this minor are not tied to or a part of any other department on campus.

Please complete the Kansas Board of Regent forms located at http://www.kansasregents.org/academic_affairs/new_program_approval and list the proposed curriculum for the minor/emphasis/concentration, in section 3 (III) of the forms. Please input the proposed curriculum **as you wish it to appear in the next catalog**. If you have any questions about the KBOR forms, please contact the Provost's administrative officer at x4113.

Additional Questions

1. Additional resources required (e.g. library or multimedia resources, technology, space, major expense, etc.):
None, this minor is based upon existing courses within the GIT department.

2. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)?
☐ Yes ☒ No *If "yes," please realize that it will need to gain approval of the President's Council.*

Please give the rationale for additional student fees:

3. Will this minor/emphasis/certificate have specific General Education courses required?
☐ Yes ☒ No

Please realize that it will need to gain approval of the General Education Committee.

4. Will this minor/emphasis/certificate affect any education majors? ☐ Yes ☒ No
If "yes," please realize that it will need to have the approval of the Council for Teacher Education.

5. What additional costs will be required for this minor/emphasis/certificate (e.g. staffing, equipment, etc.)?
At this time, no additional cost will be required for this minor as it is based on existing courses within the GIT department.

Additional Questions for certificate only:

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? (minimum of 24 hours) ☐ Yes ☒ No
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? ☒ Yes ☐ No

If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Financial Assistance to initiate Department of Education approval.

PITTSBURG STATE UNIVERSITY
LEGISLATIVE PROCESS
AUTHORIZATION/NOTIFICATION SIGN-OFF SHEET

- ☒ Approved: Department Chairperson
Date 10-7-16 Signature, Department Chairperson [Signature]
- ☒ Approved: College Curriculum Committee
Date 10.27.16 Signature, College Curriculum Committee Chair [Signature]
- ☒ Approved: Dean of College
Date 10.27.16 Signature, Dean [Signature]
- ☐ Approved: General Education Committee (if applicable)
Date _____ Signature, General Education Committee Chair _____
- ☐ Approved: Council for Teacher Education (if applicable)
Date _____ Signature, Council for Teacher Education Chair _____
- ☒ Approved: Faculty Senate University Undergraduate Curriculum Committee
Date 12/2/16 Signature, Undergraduate Curriculum Committee Chair [Signature]
- ☐ Approved: Faculty Senate
Date _____ Signature, Recording Secretary, Faculty Senate _____
- ☐ Final approved packet forwarded to Provost's office.
Date _____ Signature, Recording Secretary, Faculty Senate _____

Approval at Kansas Board of Regents level:

☐ COCAO Date: _____

The Provost's Office will notify the department, college and Registrar of the completion of the approval process.

Originating Department(s): After completing this form, in its entirety, please upload it to the Zimbra Briefcase, "Undergraduate Curriculum Legislation" (within the appropriate College folder, "Preliminary Legislation"), to allow for review and questions. Any modifications should be saved as "original file name.version2.docx" and uploaded as well. Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and forward to the Office of the Registrar.

Following Faculty Senate Approval, SUBMIT SIGN-OFF SHEET AND FINAL COMPLETE PACKAGE, in electronic format, TO THE OFFICE OF THE PROVOST (220 RUSS HALL) FOR FORWARDING TO THE KANSAS BOARD OF REGENTS FOR BOARD APPROVAL.

Please Note: This is at least a 2-3 month process from the time of first submission and is designed to eliminate concerns and questions at the beginning of the process. Any questions/concerns not addressed prior to the review by the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee may result in an additional month added to the process, before it is sent to the Kansas Board of Regents for approval, which may result in a delay in implementation.

January 4, 2007

Kansas Board of Regents

APPLICATION FOR APPROVAL
OF MINOR/CONCENTRATION

Pittsburg State University

(NAME OF INSTITUTION)

1701 South Broadway, Pittsburg, KS 66762

(ADDRESS)

620-231-7000

(TELEPHONE)

Concentration or Major:

Packaging Graphics CIP#10.0303

(Title and CIP)

☐ New

☒ Derived from Existing Program

10/05/2016

(DATE SUBMITTED)

(Signature of Vice-President
for Provost)

PROPOSAL FOR MINOR/CONCENTRATION
Kansas Board of Regents

Submitted by Pittsburg State University

College of Technology

Division of Office of the Provost

- I. Indicate major in which concentration will be located:

Department of Graphics and Imaging Technologies

- II. Give the name and describe the purpose of the proposed concentration:

Name: **Minor in Packaging Graphics**

Description of Purpose

The Graphic Communications major within the Department of Graphics and Imaging Technologies provides knowledge and skill development in six emphasis areas including Digital Media, Graphic Design, Graphics Management, Packaging Graphics, Print Media and Web/Interactive Media. Students in these emphasis areas cover input, manipulation and output of graphics in a wide variety of market segments of the graphics industry.

One market segment of the graphics industry underserved in the current program offerings is the packaging industry. Packaging is one of the leading growth markets within the graphics industry. There are many job opportunities available in the packaging industry and the technology in this area continues to develop and advance. Regionally, there is no other four-year university offering any program dedicated to the packaging industry.

The addition of this minor to the Graphics and Imaging Technologies department will open a broader base of careers for students outside the Graphic Communications major. The packaging industry encompasses many subject areas outside of graphics include art, management, marketing, plastics engineering and manufacturing engineering. Students majoring in any of these areas could benefit from coursework leading to employment in the packaging industry.

This new minor will be created from existing courses within the Graphics and Imaging Technologies department. Courses in this minor will cover areas in the packaging industry ranging from creative and design to science and engineering to marketing and consumer behavior.

III. Provide curriculum for the major and indicate courses required for each concentration:

Name of Major		
	Course Name & Number	Credit Hours
Core Courses:	_____	_____
Electives:	_____	_____
Research:	_____	_____
Practica:	_____	_____
	Total:	_____

Minor in Packaging Graphics

(Name of Concentration)

	Course Name & Number	Credit Hours
Concentration:	GIT 100 Introduction to Graphics Technologies	3
	GIT 141 Vector Graphics Software	3
	GIT 270 Introduction to Packaging Technology	3
	GIT 570 Flexible Packaging	3
	GIT 571 Rigid Packaging	3
	GIT 572 Paperboard Packaging	3
	GIT 670 Packaging Materials and Processes	3
	Total:	21

Note: By Board of Regents definition concentrations are established within existing programs and are:

1. 24 hours or less at the undergraduate level
2. 12 hours or less at the master's level
3. 18 hours or less at the doctoral level

IV. Faculty resources:

- A. Number of FTE faculty who teach in the major, including all concentrations:
11
- B. Rank of faculty:
Instr. 1; Asst. Prof. 5; Assoc. Prof. 4; Prof. 1; GTAs 0.
- C. Preparation of faculty;
Indicate level of degrees: Bach. 0; Masters 10; Doctors: 1.
- D. Explain other instructional responsibilities of faculty. (e.g. list service courses in school or for other schools/majors):