

FACULTY SENATE MINUTES

January 29, 2024

The Pittsburg State University Faculty Senate met at 3:00 p.m. on Monday, January 29, 2024, with Rebeca Book, President, presiding.

Past Minutes

Minutes from the December 11, 2023 meeting were approved.

Guests

President Shipp started by discussing PSU's legislative priorities for 2024. Priorities include the following: 1) \$6M regional stabilization; this funding is designed to assist the regional institutions with initiatives; this is not currently in the Governor's budget, but it can still gain support, 2) \$5M science lab upgrades; federal funds are also being sought, 3) \$2M reading center facility; this would be located in the Gorilla Rising project, 4) \$1M student success initiatives; this includes expanding space in the Axe Library and implementation of Navigate, and 5) support of KBI SEK facility proposal; this is supported by PSU, but being requested by the KBI. See attached handout for more information. President Shipp also discussed upcoming staffing changes. Currently, President Shipp is the acting dean for the College of Technology; there is an interim dean for Library Services and a search will begin soon for an interim dean for the College of Arts and Sciences. These roles will sunset once the new Provost has had a chance to be involved in the position searches.

Ms. Dalton also shared information regarding the new planning platform: Gorilla Plan. All faculty have view access with their PSU sign on credentials. See attachment for additional details.

Announcements

Provost and Vice President of Academic Affairs – Dr. Howard Smith

No report. Updates included in President Shipp's comments.

PSU/KNEA –Amy Hite, President

President Hite thanked faculty for participating in listening sessions for the Provost search. Finalist are planned to be on campus early to mid-April. Finalist will meet with constituent groups. It was also shared that KNEA has begun planning for their 50th Anniversary. Faculty were encouraged to email President Hite if they'd like to help.

Student Senate – Jaben Parnell, Representative

No report.

Unclassified Professional Senate – Greg Belcher, President

It was reported that the UPS is working on elections for next year and revising bylaws to further clarify membership parameters. In addition, it was shared that UPS and USS have discussed a possible merger. Conversations will continue. Faculty were encouraged to nominate UPS and USS staff for the VOYA awards. Lastly, the UPS President will be meeting with President Shipp to talk more about employee well-being.

University Support Staff – Cindy VanBecelaere, President

No report.

Faculty Senate President – Rebeca Book, President

President Book provided a KBOR and campus update. The Institutional Review Board will be available at the February meeting to answer questions. Faculty are asked to submit questions in advance at least one week prior to the meeting. See attachment to minutes for additional details.

Committee Reports

Academic Affairs – Norm Philipp, Chair

The committee continues to work on developing syllabus guidelines.

Undergraduate Curriculum – Mary Jo Goedeke, Chair

All submissions up for review were passed and recommended for approval by Faculty Senate. See agenda for details.

All curriculum items recommended by the Undergraduate Curriculum Committee were approved.

Library Services/Learning Resources – Chris Labuda, Chair

No report.

Online and Distance Learning – Kelly Woestman, Chair

No report.

Academic Honors – Jamie Wood, Chair

No report.

Honors College – Michelle Hudiburg, Chair

No report.

Writing Across the Curriculum – Lydia Bechtel, Chair

No report.

Diversity and Multicultural Affairs – Laura Washburn, Chair

No report.

Student-Faculty – David Weaver, Chair

No report.

All University Committee – Anna Beth Gilmore, Chair

No report.

Faculty Affairs – Jonathan Dresner, Chair

No report.

Constitution Committee – Mark Johnson, Chair

No report.

General Education Committee – TBD, Chair

No report.

Budget Committee – Mary Jo Goedeke, Chair

No report.

Academic Honesty – Norm Philipp, Chair

It was reported that two Maxient reports have been elevated for further action.

Unfinished Business

It was shared that syllabus guidelines are still being discussed by the Academic Affairs committee. In addition, the KBOR General Education implementation continues. Programs were reminded that March 11th is the deadline to have legislation to college preliminary folders in order to be approved at the May meeting.

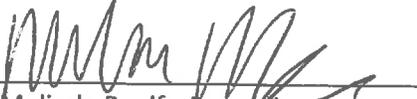
New Business

None.

Open Forum

It was shared that Axe Library is inviting employees and students to submit 2D Art for the Wide Open Space Art Exhibit. Submission are due by February 13th. Visit the Axe Library website for additional details. In addition, Kansas Undergraduate Research Days at the Capitol will take place on March 1st. Student submissions are due by February 5th. Lastly, faculty were reminded that the ORAC holds sessions on exploring external funding. See the Pitt State Daily for more information.

Meeting Adjourned Meeting adjourned Monday, January 29, 2024, at 3:47 p.m.


Melinda Roelfs, Recording Secretary

FACULTY SENATE MEMBERSHIP (2023-2024)

	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May
Rebeca Book, (President)	X	X	X	x	X				
Norm Philipp, (President Elect)	X	X	X	x	X				
Jordan Backs, TWL	X	X	X	x					
Tim Bailey, HPSS	X		X		X				
David Boffey, HHPR		X	X						
Paige Boydston, PSYCH		X	X	x	X				
Susan Carlson, At-Large									
Kari Cronister, TCHL									
Marcus Daczewitz, TCHL	X	X	X		X				
Jonathan Dresner, HPSS		X	X	x	X				
Kristi Frisbee, At-Large		X	X	x	X				
Andrew George, BIOL	X	X	X	x	X				
Ram Gupta, CHEM			X	x	X				
Beth Hendrickson, Library	X	X	X	x	X				
Casie Hermansson, ENGML	X	X		x	X				
Ashleigh Heter, NURS	X	X		x	X				
Amy Hite, At-Large	X	X	X		X				
Ananda Jayawardhana, At-Large	X	X	X	x	X				
Karen Johnson, NURS	X	X	X		X				
Mark Johnson, At-Large	X		X	x	X				
Myriam Krepps, ENGML	X	X	X	x	*				
Joseph Labuda, MIL		X							
Kris Lawson, At-Large	X	X		x	X				
Janet Lewis, ART	X	X	X	x	X				
Kristen Livingston, COMM	X	X	X	x	X				
Kristen Maceli, KUSB	X	X	X	x	X				
Dan Maxwell, ETECH	X	X		x	X				
Barbara McClaskey, At-Large	X	X	X	x	X				
Ruth Monnier, At-Large	X		X	x	X				
Clifford Morris, At-Large	X	X	X	*	X				
David Pearson, PHYS	X	X	X	x	X				
Steve Polley, AUTO	X	X	X	*	X				
Jason Reid, TWL	X	X	X	x	X				
John Ross, MUSIC	X	X							
Kent Runyan, At-Large	X	X	X	x					
Ashley Shaw, TCHL	X	X			X				
Kyle Thompson, WGS	X	X	X	x	X				
Scott Thuong, MATH									
David Weaver, KUSB	X	X	X	x	X				
Gail Yarick, At-Large	X	X	X	x	X				
USS Senate Representative		X							
UPS Senate Representative			X	x	X				
Student Government Representative			X						
Student				x					

*Substitutes: 12/11/23, Brian Welch/Clifford Morris, Dave Ferguson/Steve Polley; 1/29/24, Myriam Krepps/Eric Rojas;



PITTSBURG STATE UNIVERSITY

Fall 2023 Update

\$30 million

In federal and state funding - **a record year**

\$12.5 million

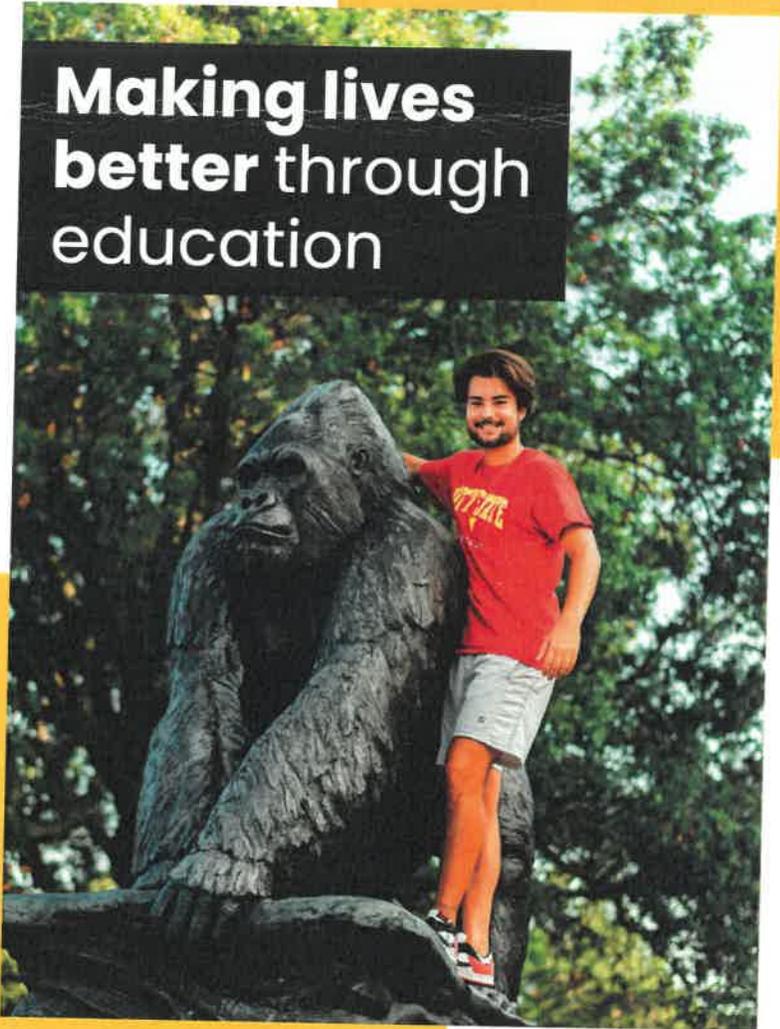
Challenge grant from Kansas Department of Commerce for **Gorilla Rising**, a project that will rebuild the Kelce College of Business, integrate the historic Colonial Fox Theatre, and add student housing in the Besse Hotel - all in downtown Pittsburg

\$4 million

Base funding for STEM and materials science **research**

\$8 million

Funding to build a manufacturing **prove-out facility** for the Center for Commercialization



Making lives better through education

900+ freshman class

Freshman enrollment growing for fourth year in a row, with largest class in years

Simulation hospital

Accelerated nurse readiness and added 30 seats to BSN program

Dan Biked Kansas

Raised \$7 million+ for the student experience. Dan Golfs the 4-States in 2024!

Added women's soccer

New program begins play in fall 2024 with ~40 new students

Awarding AA degrees as students earn them



Two degrees for the price of one



Hired enrollment specialist – **Dr. Karl Stumo**, VP for student affairs and enrollment management

Launching **American Center for Reading** with the help of visits from Kansas and New Mexico governors

Reorganized a university division around **economic development and community engagement**

Expanded **student health** services through partnership with CHC/SEK

Completed phases 1 and 2 of new **student success center**

Grew **relationship with KBI** for future program and facilities partnerships

Won **two national championships** in men's track and field

Next steps: strategic plan activation

Moving forward in 2023-24 we'll be addressing the following priorities as we activate the new strategic plan.

**Academic
program
plan**

**Strategic
enrollment
plan**

**Economic
prosperity
plan**

**Regional
budget
strategy**



2023 HIGHLIGHTS

REGIONAL UNIVERSITY WITH STATEWIDE IMPACT

- Advancing \$60M P3 Gorilla Rising project - historic investment in downtown Pittsburg and southeast Kansas
- Completing \$10M P3 Tyler Research Center expansion - manufacturing prove out facility to drive regional growth
- Won approval for automatic AA degrees for Pitt State Students
- Leading in literacy/dyslexia support and education for Kansas students and teachers
- Expanding student access and success - academic and career advising center and foster youth initiative

2024 LEGISLATIVE PRIORITIES

\$6M Regional stabilization

Capture the unique and scalable impact of regional public universities in Kansas on workforce and economic development through collaborative efforts with Emporia State and Fort Hays State.

\$5M Science lab upgrades

Enable advanced student research and prepare students for the workforce by remodeling facilities and adding state-of-the-art lab equipment that provides innovative industry-standard experiences.

\$2M Reading Center facility

Significantly improve our capacity to help as many people as possible to become competent readers with a modern, community-facing home for the Center for Reading.

\$1M Student success initiative

Increase degree completion rates by continuing to grow comprehensive support services across academic advising, career counseling, tutoring, mental and physical health services, financial aid and scholarships, and more - fully implementing the playbook provided by the National Institute for Student Success (NISS).

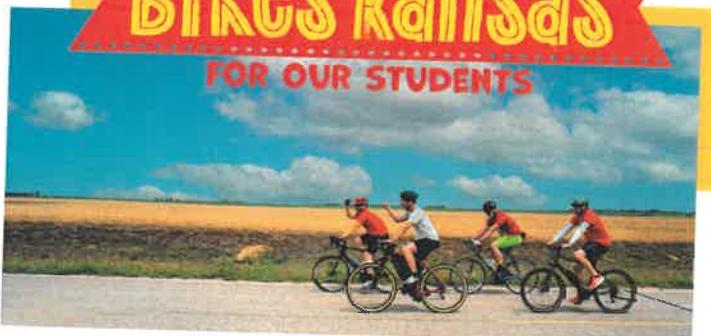


KBI SEK facility proposal

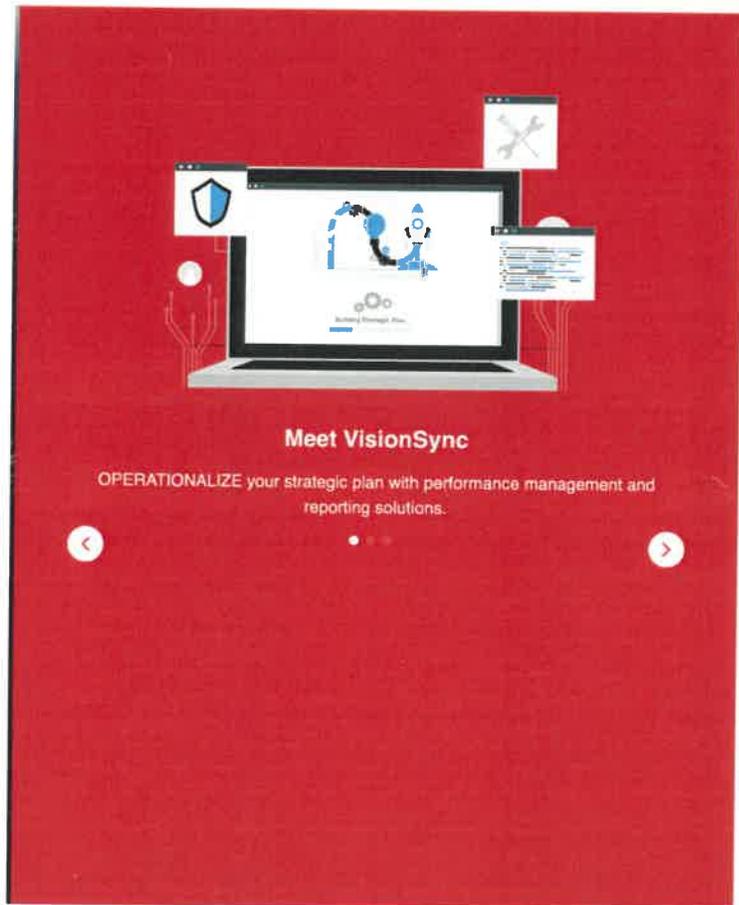
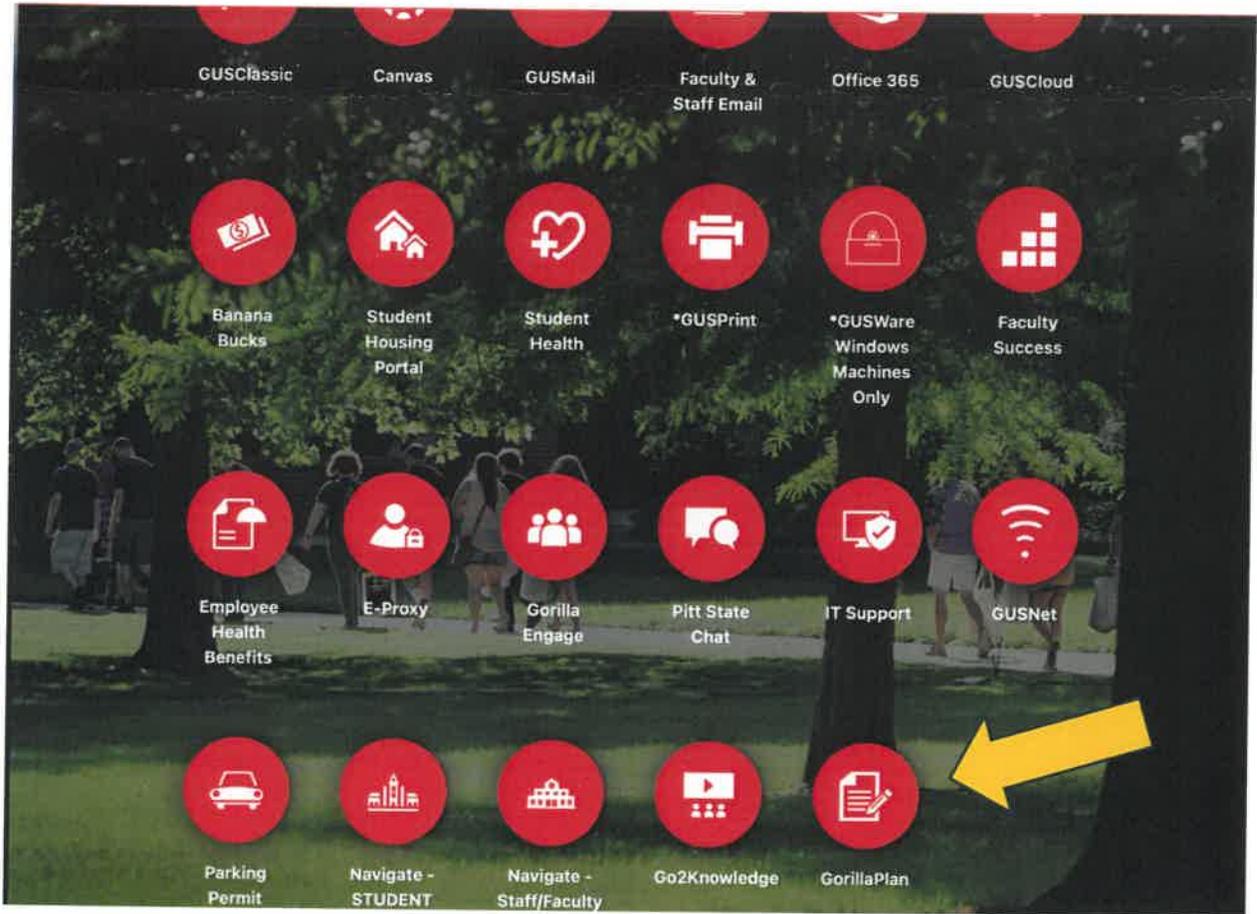
Enhance public safety and educate the next generation of crime scientists and criminal justice leaders by colocating regional agencies with academic labs and expert access that give students real-world public safety experiences.

DAN BIKES KANSAS

FOR OUR STUDENTS



President Shipp and a team of students and staff biked across Kansas last summer to raise friends and funds for Pitt State. During the 11-day adventure, the Pitt State team **raised nearly \$8 million for the student experience and scholarships** and met with hundreds of alums, education and governmental leaders, and future students and their families.



VisionSync Strategic Planning

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Sign In as SSO

Updates:

1. Updates from KBOR

- **Master of Social Work passed**
- **Faculty member on search for VP of KBOR
Academic Affairs failed – redoing search**
- **Amendment for Board Policies related to Appointments,
Non-reappointments, and Terminations – 90-day notice**
- **Micro-Internships Available from KBOR – Heather Busch**

2. Provost Search – Thank you to all who participated in listening sessions!

3. Located in the Faculty Senate Canvas modules is a section with information regarding the Institutional Review Board.

FACULTY SENATE MEMEBERSHIP (23-24) January 29, 2024

Faculty Senators	Signature	Substitute (Print)
Rebeca Book, (President)		
Norm Philipp, (President Elect)		
Jordan Backs, TWL		
Tim Bailey, HPSS		
David Boffey, HHPR		
Paige Boydston, PSYCH		
Susan Carlson, At-Large		
Kari Cronister, TCHL		
Marcus Daczewitz, TCHL		
Jonathan Dresner, HPSS		
Kristi Frisbee, At-Large		
Andrew George, BIOL		
Ram Gupta, CHEM		
Beth Hendrickson, Library		
Casie Hermansson, ENGML		
Ashleigh Heter, NURS		
Amy Hite, At-Large		
<input checked="" type="checkbox"/> Ananda Jayawardhana, At-Large		
Karen Johnson, NURS		
Mark Johnson, At-Large		
Myriam Krepps, ENGML		Eric Rojas
Joseph Labuda, MIL		
Kris Lawson, At-Large		
Janet Lewis, ART		
Kristen Livingston, COMM		
Kristen Maceli, KUSB		
Dan Maxwell, ETECH		
Barbara McClaskey, At-Large		
Ruth Monnier, At-Large		
Clifford Morris, At-Large		
David Pearson, PHYS		
Steve Polley, AUTO		
Jason Reid, TWL		
John Ross, MUSIC		
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Kyle Thompson, WGS		
Scott Thuong, MATH		
David Weaver, KUSB		
Gail Yarick, At-Large		
USS Senate Representative		
UPS Senate Representative		
Student Government Representative		
Student		



Pittsburg State University Faculty Senate Meeting

Date: Monday, January 29, 2024
Time: 3:00 p.m.
Location: Sunflower Room, Overman Student Center

Agenda

- I. **Call to order**
- II. **Speakers:**
 - A. **Dr. Dan Shipp – PSU Updates**
 - B. **Jaime Dalton – GorillaPlan (strategic plan) software**
- III. **Approval of December 11, 2023 Minutes**
- IV. **Announcements**
 - A. **Provost and Vice President of Academic Affairs- Dr. Howard Smith**
 - B. **PSU/KNEA Remarks- Amy Hite**
 - C. **Student Senate Remarks- Jaben Parnell**
 - D. **Unclassified Professional Senate Remarks – Greg Belcher**
 - E. **University Support Staff Remarks - Cindy VanBecelaere**
 - F. **Faculty Senate Report- Rebeca Book**
- IV. **Committee Reports**
 - A. **Academic Affairs Committee - Chair: Norm Philipp**
 - B. **Undergraduate Curriculum Subcommittee - Chair: MaryJo Goedeke**
 - C. **Library Services/Learning Resources Subcommittee - Chair: Chris Labuda**
 - D. **Online and Distance Learning Committee - Chair: Kelly Woestman**
 - E. **Academic Honors Subcommittee - Chair: Jamie Wood**
 - F. **Honors College Subcommittee - Chair: Michelle Hudiburg**
 - G. **Writing Across the Curriculum Subcommittee - Chair: Lydia Bechtel**
 - H. **Diversity and Multicultural Affairs Subcommittee - Chair: Laura Washburn**
 - I. **Student-Faculty Committee - Chair: David Weaver**
 - J. **All-University Committee - Chair: Anna Beth Gilmore**
 - K. **Faculty Affairs Committee - Chair: Jonathan Dresner**
 - L. **Constitution Committee - Chair: Mark Johnson**
 - M. **General Education Committee - Chair: Mark Johnson**
 - N. **Budget Committee - Chair: MaryJo Goedeke**
 - O. **Academic Honesty Committee - Chair: Norm Philipp**

V. **Unfinished Business:**

A. **Course syllabi**

B. **General Education**

VI. **New Business:**

VII. **Open Forum:**

Next meeting IRB will be invited and specific questions are needed beforehand.

VIII. **Adjournment**

Academic Affairs –

Chair: Norm Philipp
 Recorder: David Weaver
 No report.

Undergraduate Curriculum –

Chair: MaryJo Goedeke
 Recorder: Shelby Hutchens

UGCC Meeting 1/19/2024		Voting Members Approval of Proposed Changes			
		Goedeke	Hutchens	McCay	Lawson
	Present:	x	x	x	x
Dept: HHPs	Revision to Major Form				
	Accelerated Master's Degree - History - Needs Council for Teachers Ed to sign off on it	x	x	x	x
Dept: Biology	Revision to Major Form				
	Biology Education	x	x	x	x
Dept: Construction	Course Revision Form				
	CMCET 332	x	x	x	x
	CMCET 333	x	x	x	x
	CMCET 338	x	x	x	x
	CMCET 340	x	x	x	x
	CMCET 537	x	x	x	x
	CMCET 639	x	x	x	x
	CMCET 651	x	x	x	x
	CMCET 691	x	x	x	x
	EST 400	x	x	x	x
	EST 614	x	x	x	x
Deletion of Course					
	CMCET 435	x	x	x	x
	CMCET 652	x	x	x	x
New Course					
	CMCET 606	x	x	x	x
	EST 645	x	x	x	x
Revision to Major Form					
	Construction Engineering Tech - there was a duplicate submitted	x	x	x	x
	Construction Management	x	x	x	x
	Interior Design	x	x	x	x
Deletion of Emphasis					
	Environmental & Safety Management	x	x	x	x
	Environmental & Safety Management x2	x	x	x	x
Revision to Minor					
	Revision of Safety Management Minor	x	x	x	x
	Revision of interior design minor	x	x	x	x
Dept: Communication	Revision to Course Form				
	Comm 207 - Needs Council for Teachers Ed to sign off on it	x	x	x	x
	Comm 474	x	x	x	x
Dept: Math	Revision to Major Form				
	Computer Science	x	x	x	x
Revision to Course Form					
	MATH 413 - Needs Council for Teachers Ed to sign off on it	x	x	x	x
	MATH 513 - Needs Council for Teachers Ed to sign off on it	x	x	x	x
	MATH 557	x	x	x	x
	MATH 626	x	x	x	x

Library Services –

Chair: Chris Labuda

Recorder: Beth Hendrickson

No report.

Online and Distance Learning –

Chair: Kelly Woestman

Recorder: Paige Boydston

No report.

Academic Honors –

Chair: Jamie Wood

Recorder: Jessica Jorgenson Borchert

No report.

Honors College –

Chair: Michelle Hudiburg

Recorder: Anuradha Ghosh

No report.

Writing Across the Curriculum –

Chair: Lydia Bechtel

Recorder: Carol Meza-Bakke

No report.

Diversity and Multicultural Affairs –

Chair: Laura Washburn

Recorder: Kristen Maceli

No report.

Student-Faculty –

Chair: David Weaver

Recorder: Jessica Jorgenson Borchert

No report.

All-University –

Chair: Anna Beth Gilmore

Recorder: Jason Reid

No report.

Faculty Affairs –

Chair: Jonathan Dresner

Recorder: Kevin Elliott

No report.

Constitution –

Chair: Mark Johnson

Recorder: Beth Hendrickson

No report.

General Education –

Chair: Mark Johnson

Recorder: Lora Winters

No report.

Budget Committee –

Chair: MaryJo Goedeke

Recorder: Karen Johnson

No report.

Academic Honesty –

Chair: Norm Philipp

No report.

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date:

Department: Biology

College: Arts & Sciences

Contact Person: Christine Brodsky

Faculty

Revision Major

If Emphasis, enter name of the Major: Biology Education

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

Updating curriculum to move two preferred PSU Pathway courses (EDUC 261, PSYCH 155) into the major requirements. Requested an exception for CHEM 215/216 (5 hours) to be taken with KBOR General Education.

2. Rationale for change, including changes to curriculum objectives:

Comply with KBOR requirement to not require specific Gen Ed courses within curriculum.

3. Will this change affect any education majors? Yes

If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***

No. This revision only impacts the Biology Education curriculum and how these two courses are counted (i.e., Gen Ed vs. Major Coursework).

5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***

No. This revision is only to change how these courses are these two courses are counted (i.e., Gen Ed vs. Major Coursework).

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
No
10. Describe the program assessment plan (for new programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =

 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

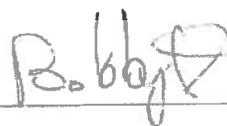
1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

CURRICULUM REVISIONS

	Existing	Proposed
Title:	Biology (Biology Education)	Biology (Biology Education)
<p>Curriculum: (Do not include GenEd)</p>	<p>Biology Core Requirements (45 hours) BIOL-211 Principles of Biology I (4 hours) BIOL-212 Principles of Biology II (4 hours) BIOL-257 Anatomy and Physiology (3 hours) and BIOL-258 Anatomy and Physiology Laboratory (2 hours) BIOL-300 Assisting in the Biology Laboratory (1 hour) BIOL-322 Genetics (3 hours) and BIOL-323 Genetics Laboratory (2 hours) BIOL-330 Principles of Ecology (3 hours) BIOL-371 General Microbiology (3 hours) and BIOL-372 General Microbiology Laboratory (2 hours) BIOL-529 Evolution (3 hours)</p> <p>Select one Field course from: BIOL-303 Regional Natural History (3 hours) BIOL-405 Taxonomy of Vascular Plants (3 hours) BIOL-533 Ichthyology (4 hours) BIOL-534 Herpetology (4 hours) BIOL-535 Ornithology (4 hours) BIOL-536 Mammalogy (3 hours) BIOL-561 General Entomology (3 hours)</p> <p>Select one Social Perspectives course from: BIOL-313 Principles of Conservation (3 hours) BIOL-605 Bioethics (3 hours) BIOL-617 Environmental Health (3 hours)</p> <p>Biology Electives (9 hours)</p> <p>Professional Education Requirements (20 hours) See notes *1 EDUC-261 Explorations in Education (3 hours) EDUC-370 Organization and Management of the Middle and Secondary Classroom (2 hours) BIOL-479 Techniques for Teaching Biology (3 hours) or EDUC-479 Effective Teaching Strategies for Middle and Secondary (3 hours) EDUC-520 Methods and Materials for Academic Literacy (3 hours) PSYCH-263 Developmental Psychology (3 hours) PSYCH-357 Educational Psychology (3 hours) SPED-510 Overview of Special Education (3 hours) Notes *1: See Admission to Professional Semester for professional education grade point requirements.</p> <p>Professional Semester (16 hours) BIOL-579 Supervised Student Teaching and Follow-Up of Teachers (2 hours) EDUC-458 Methods and Curriculum (3 hours) EDUC-464 Measurement and Evaluation (2 hours) EDUC-475 Supervised Clinical Experience (9 hours)</p> <p>Requirements from other Departments (13 hours) CHEM-215 General Chemistry I (3 hours) and CHEM-216 General Chemistry I Laboratory (2 hours) CHEM-320 Introductory Organic Chemistry (3 hours) and CHEM-326 Organic Chemistry I Laboratory (2 hours) PSYCH-155 General Psychology (3 hours)</p>	<p>Biology Core Requirements (42 - 43 hours) BIOL-211 Principles of Biology I (4 hours) BIOL-212 Principles of Biology II (4 hours) BIOL-257 Anatomy and Physiology (3 hours) and BIOL-258 Anatomy and Physiology Laboratory (2 hours) BIOL-300 Assisting in the Biology Laboratory (1 hour) BIOL-322 Genetics (3 hours) and BIOL-323 Genetics Laboratory (2 hours) BIOL-330 Principles of Ecology (3 hours) BIOL-371 General Microbiology (3 hours) and BIOL-372 General Microbiology Laboratory (2 hours) BIOL-529 Evolution (3 hours)</p> <p>Select one Field course from: BIOL-303 Regional Natural History (3 hours) BIOL-405 Taxonomy of Vascular Plants (3 hours) BIOL-533 Ichthyology (4 hours) BIOL-534 Herpetology (4 hours) BIOL-535 Ornithology (4 hours) BIOL-536 Mammalogy (3 hours) BIOL-561 General Entomology (3 hours)</p> <p>Select one Social Perspectives course from: BIOL-313 Principles of Conservation (3 hours) BIOL-605 Bioethics (3 hours) BIOL-617 Environmental Health (3 hours)</p> <p>Biology Electives (6 hours)</p> <p>Professional Education Requirements (20 hours) See notes *1 EDUC-261 Explorations in Education (3 hours) EDUC-370 Organization and Management of the Middle and Secondary Classroom (2 hours) BIOL-479 Techniques for Teaching Biology (3 hours) or EDUC-479 Effective Teaching Strategies for Middle and Secondary (3 hours) EDUC-520 Methods and Materials for Academic Literacy (3 hours) PSYCH-263 Developmental Psychology (3 hours) PSYCH-357 Educational Psychology (3 hours) SPED-510 Overview of Special Education (3 hours) Notes *1: See Admission to Professional Semester for professional education grade point requirements.</p> <p>Professional Semester (16 hours) BIOL-579 Supervised Student Teaching and Follow-Up of Teachers (2 hours) EDUC-458 Methods and Curriculum (3 hours) EDUC-464 Measurement and Evaluation (2 hours) EDUC-475 Supervised Clinical Experience (9 hours)</p> <p>Requirements from other Departments (13 hours) CHEM-215 General Chemistry I (3 hours) and CHEM-216 General Chemistry I Laboratory (2 hours) CHEM-320 Introductory Organic Chemistry (3 hours) and CHEM-326 Organic Chemistry I Laboratory (2 hours) PSYCH-155 General Psychology (3 hours)</p>

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 9/14/2023 Signature, Chairperson: 

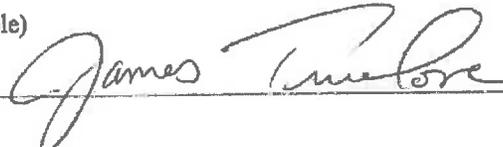
-Approved: College Curriculum Committee

Date: 11/27/23 Signature, Committee Chair: Mary Carol Pomatto

-Approved: Dean of College

Date: 11/27/23 Signature, Dean: Mary Carol Pomatto

-Approved: Council for Teacher Education (if applicable)

Date: 12/6/23 Signature, Council Chair: 

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Course Form

Effective Date: **Fall**

2024

Submission Date: **10/20/23**

Department: Math and Physics

College of: **Arts & Sciences**

Contact Person: Tim Flood

Chair

Course: Revision

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
We are realigning courses shared by Math and Computer Science students to better meet each group's needs. Changes to 413 and 513 necessitate changes to the pre-reg for Math 557.

2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course only effects Math majors.

3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.

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

5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Introduction to Analysis	Same
Course Number:	MATH 557	Same
Credits:	3	Same
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	MATH 253 Calculus III and MATH 413 Introduction to Mathematical Thought	MATH 253 Calculus III and MATH 513 Discrete Structures
Course Description	A proof-oriented treatment of topics in analysis including the real number system, sequences, the topology of real numbers, continuous functions, differentiation, and integration.	Same

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/13/23 Signature, Chairperson: Tim Flood Digitally signed by Tim Flood
Date: 2023.10.24 13:26:28 -05'00'

-Approved: College Curriculum Committee

Date: 11/27/23 Signature, Committee Chair: Mary Carol Pomatto

-Approved: Dean of College

Date: 11/27/23 Signature, Dean: Mary Carol Pomatto

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/20/23
Department: Math and Physics College of: Arts & Sciences
Contact Person: Tim Flood Chair

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
We are realigning courses shared by Math and Computer Science students to better meet each group's needs. Changes to 413 and 513 allow for a change in the pre-reg for Math 626.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course only effects Math and Computer Science majors.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Data Structures and Algorithms	Same
Course Number:	MATH 626	Same
Credits:	3	Same
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	MATH 513 Discrete Structures	MATH 413 Introduction to Mathematical Thought
Course Description	A survey of common algorithms used in computer science and the data structures that are used to implement them.	Same

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/13/23 Signature, Chairperson: Tim Flood Digitally signed by Tim Flood
Date: 2023.10.24 13:26:28 -05'00'

-Approved: College Curriculum Committee

Date: 11/27/23 Signature, Committee Chair: Mary Carol Pomatto

-Approved: Dean of College

Date: 11/27/23 Signature, Dean: Mary Carol Pomatto

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date: 10/20/23

Department: Math and Physics

College: Arts & Sciences

Contact Person: Tim Flood

Chair

Revision Major

If Emphasis, enter name of the Major:

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

Were are removing the requirement of Math 513 Discrete Structures adding it as an elective. In addition, we are adding PHYS302 Scientific Programming with Python as an elective.

2. Rationale for change, including changes to curriculum objectives:

We are realigning Math 413 and 513. Math 513 Discrete Structures is no longer required for the Computer Science major and will be moved to an elective. PHYS302 Scientific Programming with Python did not exist when the Computer Science major was legislated.

3. Will this change affect any education majors? No

If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this Revision related to, and/or may affect, any other department/college/unit curricula or programs at PSU? *Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*

No, this only impacts courses and degrees within the department.

5. Is this Revision related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? *Whether a "yes" or "no" response, please provide an explanation.*

No, this degree is independent of other Regent universities.

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
None
10. Describe the program assessment plan (for new programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =

 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: Communication College of: Arts & Sciences
Contact Person: Barth Cox Faculty

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
The Department of Communication wants to change the course description of this course to reflect the learning outcomes for the course.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
 If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

(e.g. library or multiple)
Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Promotional and Corporate Video Produ	Promotional and Corporate Video Production
Course Number:	COMM 474	COMM 474
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisites: COMM 274 Introduction to Audio and Video Production, or permission of instructor.	Prerequisites: COMM 274 Introduction to Audio and Video Production, or permission of instructor.
Course Description	Principles and practices of producing audio and video for training, informational or persuasive use. Covers studio and field production, working with clients, scriptwriting, and advanced computer editing.	Principles and practices of producing video content for corporate and promotional purposes. Emphasizes field production, close collaboration with clients, scriptwriting, and advanced computer editing techniques.

persuasive use. Covers
 studio and field production, working
 with clients, scriptwriting, and
 advanced computer editing techniques.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/1/23 Signature, Chairperson: Jerry D. Coneman

-Approved: College Curriculum Committee

Date: 11/27/23 Signature, Committee Chair: Mary Carol Pomatto

-Approved: Dean of College

Date: 11/27/23 Signature, Dean: Mary Carol Pomatto

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: _____

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

(if applicable)

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course: **CMCET 332**
To consolidate courses within the emphasis areas and increase enrollment course numbers.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, it is an emphasis course within construction just affecting School of Construction majors.
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No additional resources are required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

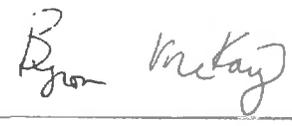
	Existing	New/Proposed
Title:	Residential Design	Residential Design and Management
Course Number:	332	332
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	CMCET 133 Construction Graphics	CMCET 133 Construction Graphics, CMCET 330 Mechanical Systems, CMCET 331 Electrical Systems
Course Description	(1 hour lecture, 4 hours laboratory). Space utilization, circulation, structural design, energy efficient design, building costs, architect-owner-contractor relationship, exterior design, electrical/mechanical considerations and techniques for preparing architectural residential drawings using CAD. Includes NAHB Certified Green Professional Designation. Prerequisite: CMCET 133 Construction Graphics.	COURSE DESCRIPTION: CMCET 332 Residential Design. 3 hours (2 hours lecture; 2 hours laboratory). Space utilization, structural design, energy efficient design, exterior design, building costs, planning, scheduling, budget management, project management, architect-owner/contractor/home owner relationships, electrical/mechanical considerations and techniques for preparing architectural residential drawings using industry software and drawing reviews. Prerequisite: CMCET 133 Construction Graphics, CMCET 330 Mechanical Systems, CMCET 331 Electrical Systems

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/23 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Pittsburg State University
School of Construction
Prepared by: Faculty TBD,

COURSE TITLE: CMCET 332-01. Residential Design and Management

COURSE SCHEDULE: Tuesday/Thursday / 7:45 am – 9:50 am
KTC - Room S105 (Lecture/Lab)

INSTRUCTOR: Faculty TBD

OFFICE HOURS: Faculty TBD

COURSE DELIVERY METHOD: This course will be a face-to-face course with on-line homework and assignments assigned.

COURSE DESCRIPTION: CMCET 332 Residential Design. 3 hours (2 hours lecture; 2 hours laboratory). Space utilization, structural design, energy efficient design, exterior design, building costs, planning, scheduling, budget management, project management, architect-owner / contractor/homeowner relationships, , electrical/mechanical considerations and techniques for preparing architectural residential drawings using industry software and drawing reviews.
Prerequisite: CMCET 133 Construction Graphics, CMCET 330 Mechanical Systems, CMCET 331 Electrical Systems

TEXTBOOK/MATERIALS REQUIRED:

- Goodheart-Willcox Company, Architecture: Residential Drafting and Design, 12th Edition, ISBN: 978-1-63-126315-6
- Jump drives/flash drives for storage of electronic information
- Architectural Scale
- Hardhat and Safety Glasses

COURSE OBJECTIVES:

- Objective 1 – To develop a fundamental understanding of the basic concepts of efficient residential design. (1,2,4,5)
- Objective 2 – To develop a fundamental understanding of city ordinances, building codes, and subdivision regulations as they pertain to residential plan design. (1)
- Objective 4 – To develop quality, professional residential drawings utilizing industry methods. (1,4,5)
- Objective 5. To develop a basic knowledge of General Project Management, estimating, planning and scheduling Residential construction. (3,5)
- Objective 6. To develop a basic knowledge of the Estimating Residential construction. (2)
- Objective 7. To develop a basic understanding of Budget management and Cost Control (5)

COURSE TOPICS:

- | | | |
|-------------------|--------------------------------------|---------------------------------|
| 1. Site Analysis | 3. Subdivision Regulations | 5. Floor/Foundation Plan Design |
| 2. Building Codes | (City Ordinances, Subdivision CCR's) | 6. Roof / Wall Design |
| | 4. Methods and Materials | 7. Wall Sections/Details |

- 8. Site Plan Configuration 11.General Project
- 9. Construction Cost Estimating Management/Scheduling 13. Budget Management/Cost Control
- 10. Basic principles of business management 12.Estimating

GRADING SYSTEM:

Grades will be based on the following scale:

A	B	C	D	F
90% - 100%	80% - 89%	70% - 79%	60% - 69%	0% - 59%

Other Class Work: Class and lab time must be used for CMCET 332 only. Any work for a different class being worked on during class time **will** be picked-up and **will not** be returned to the student.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Christopher Pross Faculty

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
Updating name to better fit the class.

This revision will also allow Construction Engineering Technology Majors to take this class in lieu of Statics. This is being done based on industry and student feedback and allows us to have more control over the material and topics being delivered.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*

NO
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?

None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**

No new Resources required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
 If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

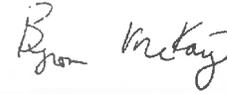
	Existing	New/Proposed
Title:	Theory of Structures	Construction Statics and Structures
Course Number:	333	333
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisites: MATH 122 Plane Trigonometry, MATH 126 Pre-Calculus, or MATH 150 Calculus I.	Prerequisites: MATH 122 Plane Trigonometry or MATH 126 Pre-Calculus, or MATH 150 Calculus I.
Course Description	(2 hours lecture, 2 hours laboratory). Fundamentals of static design, forces acting on structural systems and components, stresses in members. Not open to Engineering Technology majors.	(2 hours lecture, 2 hours laboratory). Fundamentals of static design, forces acting on structural systems and components, stresses in members.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

**Pittsburg State University
School of Construction
Construction Management**

COURSE TITLE: CMCET 333 – Construction Statics and Structures

COURSE DELIVERY/SCHEDULE: F2F /Lecture – TBD
Lab – Varies - incorporated with lecture schedule

INSTRUCTOR: TBD

COURSE DESCRIPTION: CMCET 333 Theory of Structures. 3 hours. (2 hours lecture, 2 hours laboratory). Fundamentals of static design, forces acting on structural systems and components, stresses in members. Not open to Engineering Technology majors. Prerequisites: 'C' or better in MATH 122 Plane Trigonometry, MATH 126 Pre-Calculus, or MATH 150 Calculus I.

TEXTBOOK/MATERIALS REQUIRED:

- Textbook *Recommended* – Barry Onouye, Statics and Strength of Materials for Architecture and Building Construction, 4th Edition, 2012 by Pearson Education, Inc., Pearson Prentice Hall; ISBN 978-0-13-507925-6
- Scientific Calculator (trig function capability required); straight edge
- Engineering Computation Paper- [Click Here to Find](#)

COURSE OBJECTIVES: (Referenced to CMCET Educational Outcomes)

- Objective #1: To become conversant with architectural and engineering terminology and principles applicable to structures common in the construction industry (Outcome 1,7)
- Objective #2: To develop a basic understanding of statics and analysis of selected determinate structural systems (Outcome 1, 2)
- Objective #3: To develop a basic understanding of load tracing (Outcome 1, 2)
- Objective #4: To develop a basic understanding of stress, strain, and deformation in structural elements subject to external forces (Outcome 1, 2)
- Objective #5: To develop a working knowledge of the design of selected structural building elements (Outcome 1, 4, 5)
- Objective #6: To develop a basic understanding of the use of selection tables and pre-engineered design materials (Outcome 1, 2, 4)

COURSE TOPICS:

- Fundamentals of statics
- Equilibrium of two-dimensional systems
- Analysis of selected determinate structural systems
- Load tracing
- Stress, strain, deformation, and thermal effects
- Centroids and cross-sectional properties of structural members
- Shear forces and bending moments in beams
- Bending and shear stresses in beams
- Column analysis and design
- Design of selected structural building elements
- Use of selection tables and pre-engineered design materials
- Design and construction of a model bridge in conformance to specifications

COURSE GRADING

Final grades will be based on the following scale:

90% - 100%	A
80% - 90%-	B
70% - 80%-	C
60% - 70%-	D
0% - 60%-	F

Course grades will be assigned using the following approximate proportions for class activities:

Homework Assignments	30%
Quizzes	10%
Bridge Project	10%
Hour Exams	35%
Final Exam	<u>15%</u>
	100%

Note: Grades accumulated during the semester will be entered in CANVAS for the course. Students are encouraged to check such grades for accuracy and notify the instructor immediately if a grade is incorrectly recorded as compared to the returned work.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course: **CMCET 338**
Industry is wanting all students, not just residential contractors to have more codes and inspections knowledge. This will allow more students to have the opportunity understanding construction codes.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, it is an emphasis course within construction just affecting School of Construction majors.
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No additional resources are required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

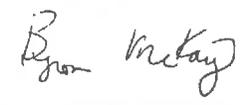
	Existing	New/Proposed
Title:	Residential Codes/Inspections	Construction Codes and Inspections
Course Number:	338	338
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	CMCET 133 Construction Graphics	CMCET 133 Construction Graphics
Course Description	(3 hours lecture). Code requirements for residential construction using International Residential Code relative to roofing, structural, electrical, heating, air conditioning & heat pumps, plumbing, exterior, interior, and insulation. Includes Home Inspector Certification Exam. Pre-requisite:CMCET 133 Construction Graphics	(3 hours lecture) Code requirements for construction using the International Codes Council references relative structural, electrical, heating, air conditioning & heat pumps, plumbing, exterior, interior, and insulation. Pre-requisite:CMCET 133 Construction Graphics

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

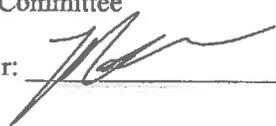
-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

**Pittsburg State University
School of Construction**

COURSE TITLE: CMCET 338-01 Codes and Inspections

COURSE SCHEDULE: **WF 2022 S110**
Tuesday/Thursday
Section 01: 09:30 am – 10:45 am
KTC, Room S110 (Lecture)

INSTRUCTOR: **TBD**

OFFICE HOURS:

COURSE DELIVERY METHOD: This course will be a face-to-face course with on-line homework, labs and quizzes/exams assigned.

COURSE DESCRIPTION: CMCET 338-01 Residential Codes / Inspections (3 hours lecture)

Code requirements for construction using the International Codes Council references relative structural, electrical, heating, air conditioning & heat pumps, plumbing, exterior, interior, and insulation.

TEXTBOOK/MATERIALS REQUIRED:

- Residential Building Codes Illustrated / A Guide to Understanding the 2009 International Residential Code
- ICC safe: ICC on-line codes 2015-2021
- ISBN: 978-0-470-17359-6
- Scientific/ Construction Calculator
- Jump drives/flash drives for storage of electronic information

COURSE OBJECTIVES: (Referenced to CMCET Educational Outcomes)

1. Objective #1: To develop a fundamental understanding of how the International Codes are structured, organized, and developed.
2. Objective #2: To become familiar with how the International Building Codes can influence building construction.
3. Objective #4: To gain the knowledge necessary for identification of hazards in structures.
4. Objective #5: To expose the students to the variety and diversity of the International Code Council's International codes examples include IRC (International Residential Code), IBC (International Building Code), IFC (International Fire Code), and IMC (International Mechanical Code).
5. Objective #6: To develop an understanding of methods to properly Communicate with industry code inspectors.

COURSE TOPICS:

1. Chapter 1 Building Codes
2. Chapter 2 Navigating the Code, Administrative Procedures, Definitions
3. Chapter 3 Building Planning
4. Chapter 4 Foundations
5. Chapter 5 Floors
6. Chapter 6 Wall Construction
7. Chapter 7 Wall Coverings
8. Chapter 8 Roof-Ceiling Construction
9. Chapter 9 Roof Assemblies
10. Chapter 10 Chimneys and Fireplaces
11. Communication between contractor/inspector.

GRADING SYSTEM: Grades will be based on the following scale:

90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
59% - Below	F

Final Grades will be assigned using the following approximate proportions:

Blackboard grade names are listed to the right of the item.

Projects/ In-Class ex./Events	15%
Homework (Homework)	25 %
Quizzes (Quiz)	10 %
Exams (Exam)	40 %
Final Exam (Final Exam)	10 %

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: Revision

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

-
1. Purpose/Justification for a **Revision** to Course: **CMCET 340**
Changing the name of the course as a better reflection of industry terms and new civil content. Changing from Building Information Modeling (BIM) to BIM/VDC. To consolidate courses within the emphasis areas and increase enrollment course numbers.
 2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
NO
 3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
 4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
 5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No new Resources required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

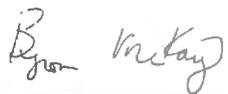
	Existing	New/Proposed
Title:	Building Information Modeling (BIM)	BIM/VDC
Course Number:	340	340
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisite: CMCET 133 Construction Graphics	Prerequisite: CMCET 133 Construction Graphics
Course Description	(2 hours lecture, 2 hours laboratory). Functional knowledge of BIM software applications in architecture, mechanical/electrical/plumbing, structural and civil. Collaborative utilization of BIM process in built environment. Prerequisite: CMCET 133 Construction Graphics	(2 hours lecture, 2 hours laboratory). Functional knowledge of BIM/VDC software applications in architecture, mechanical/electrical/plumbing, structural and civil. Collaborative utilization of BIM process in built environment. Prerequisite: CMCET 133 Construction Graphics

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

**Pittsburg State University
School of Construction**

Prepared by: Norman Philipp, October 26th, 2023

COURSE TITLE: CMCET 340 - BIM/VDC

COURSE SCHEDULE: Monday/Wednesday
4:10 pm – 5:50 pm
KTC, Room S105

INSTRUCTOR: Norman Philipp, P.E., CM-BIM, DBIA
Office: W226 KTC
Phone: (620) 235-4347 Cell: (913) 221-3422
E-mail: nphilipp@pittstate.edu Fax: (620) 235-6558

OFFICE HOURS: Monday – Thursday
11:00 am – 1:00 pm & By Appointment (ZOOM or In-Person)

COURSE DELIVERY METHOD: This course will be a face-to-face course with in-class lab work (online accommodation options available), online homework software tutorials and project assignments.

COURSE DESCRIPTION: CMCET*340*01 BIM/VDC
(2 hours lecture, 2 hours laboratory). Functional knowledge of BIM/VDC software applications in architecture, mechanical/electrical/plumbing, structural and civil. Collaborative utilization of BIM process in built environment.
Prerequisite: CMCET 133 Construction Graphics

TEXTBOOK/MATERIALS REQUIRED:

Autodesk University	https://www.autodesk.com/autodesk-university/
Autodesk Learning Community	https://www.autodesk.com/learning
BIMForum	https://bimforum.org/

COURSE OBJECTIVES: (Referenced to CMCET Educational Outcomes)

- Objective 1: Develop a fundamental understanding of the BIM/VDC Process. (1, 3, 6)
- Objective 2: Develop a fundamental understanding on using the BIM/VDC Process in the design/construction industry. (1, 3, 4, 6)
- Objective 3: Develop a fundamental understanding of BIM/VDC software in the design/construction industry. (1, 3, 6)

COURSE TOPICS:

1. BIM/VDC and the BIM process
2. Sketch-Up Fundamentals
3. Revit (Arch, Struct, MEP) Fundamentals
4. Civil 3D Fundamentals
5. Infracore 360 Fundamentals
6. Bluebeam Revu Fundamentals
7. Laser Scanning / Photogrammetry
8. Visualization Technologies
9. The Future of BIM/VDC

GRADING SYSTEM:

Grades will be based on the following scale:

A	B	C	D	F
90% - 100%	80% - 89%	70% - 79%	60% - 69%	0% - 59%

Grades will be based on the following:

- Participation
- Homework
- Quizzes
- Exams

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: **Deletion**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Deletion** to Course: **CMCET 435**
The course is no longer going to be used within the curriculum.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, it is an emphasis course within construction just affecting School of Construction majors.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No additional resources are required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

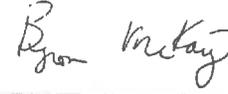
	Existing	New/Proposed
Title:	Residential Construction Methods and Management	
Course Number:	435	
Credits:	3	
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisite: CMCET 338 Residential Codes/Inspection.	
Course Description	(1 hour lecture, 4 hours laboratory). Residential construction lifecycle including planning, execution, monitoring, controlling, closing and service. Methods of residential construction including energy efficiency, wood and light-gauge steel frame construction, insulated concrete forms, systems-built and panelized construction, engineered materials. Includes NAHB Residential Construction Superintendent Designation. Prerequisite: CMCET 338 Residential Codes/Inspection..	

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Christopher Pross Faculty

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
Updating prerequisites to better facilitate enrollment into the class, removes the need for a pre-requisite override for Construction Engineering Technology Majors.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
NO
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No new Resources required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

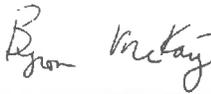
	Existing	New/Proposed
Title:	Construction Surveying 1	Construction Surveying 1
Course Number:	537	537
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisite: CMCET 133 Construction Graphics and "C" or better in MATH 122 Plane Trigonometry.	Prerequisite: CMCET 133 Construction Graphics and "C" or better in MATH 122 Plane Trigonometry or Math 126 Pre-Calculus, or Math 150 Calculus 1
Course Description	(2 hours lecture, 2 hours laboratory). Theory, principles, practices of construction surveying applied to instrumentation, computations, and site layout. Use of modern equipment and computer applications.	(2 hours lecture, 2 hours laboratory). Theory, principles, practices of construction surveying applied to instrumentation, computations, and site layout. Use of modern equipment and computer applications.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Pittsburg State University
Pittsburg State University School of Construction

COURSE TITLE: CMCET 537 Construction Surveying I

COURSE SCHEDULE: **Lecture F2F**
 Lab

INSTRUCTOR:

COURSE DESCRIPTION: CMCET 537 CONSTRUCTION SURVEYING I. 3 hours. (2 hour lecture, 2 hours laboratory). Theory, principles and practices of surveying applied to construction and engineering, instrumentation, computations and site layout. Prerequisite: Math 122 - Plane Trigonometry, Math 126 Pre-Calculus, or Math 150 Calculus 1 with a grade of "C" or better.

TEXTBOOK/MATERIALS REQUIRED:

- Crawford, Wesley G., Construction Surveying and Layout, Current Edition, Creative Construction Publishing. Mandatory.
- Surveying field book (provided).
- Calculator.(Capable of polar-rectangular coordinate changes and degree,minute,second conversions)
- Storage Media (flash drive)

COURSE OBJECTIVES: (Reference to Program Outcomes)

- To obtain basic working knowledge in the fundamental principles and techniques of construction surveying and its applications. (Outcome 1,7)
- To develop skills in performing surveying calculations and in solving surveying related problems. (Outcome 1, 2, 3)
- To develop skills in the operation of modern surveying equipment. (Outcome 1)
- To develop skills in documentation, presentation, and communication of construction surveying projects and information. (Outcome 1, 5)
- To develop the ability to plan, organize and perform proper construction surveying operations in a timely and professional manner. (Outcome 1, 6, 7)
- To develop the ability to work in a productive surveying team. (Outcome 5)

COURSE TOPICS:

- | | |
|--|--|
| 1. Surveying trigonometry and geometry | 8. Vertical / horizontal curves (elective) |
| 2. Measurement and error theory | 9. Topographic surveying |
| 3. Differential & trigonometric leveling | 10. Boundary surveying |
| 4. Surveying instrumentation | 11. Construction surveying |
| 5. Angle and distance measurements | 12. Field notes |
| 6. Traversing methods | 13. Survey drawings |
| 7. Area/volume calculations | 14. Intro to GPS/Data Collection |

GRADING SYSTEM

All scores of tests, fieldbooks and laboratories will be included in your final score. Each student's final grade will be determined by dividing their individual total points by the total possible points for the class. Grades will be assigned based on the following percentages:

90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

- Purpose/Justification for a **New** to Course: **CMCET 606**
There are 3 sections of TM 606 Industrial Supervision. Sections 01 and 02 are general service courses open for all majors. Section 03 is reserved for students in the CMCET program and course materials, textbooks, objectives, and outcomes are specifically designed for CMCET majors. This 03 section is annotated on the program guide to inform students of this condition. However, the course needs to be renamed with the CMCET prefix to facilitate ending non-CMCET majors from enrolling in this section and then having to be dropped.
- Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
The renaming of this course would shift credit hour generation attribution from the TWL department as a Tech. Management course to the School of Construction. All students in TM606-03 are already CMCET majors as a prerequisite so the credit hour generation attribution belongs in the SOC
- Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
- What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
- Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

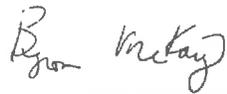
	Existing	New/Proposed
Title:		Construction Supervision and Leadership
Course Number:		CMCET 606
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		
Course Description		(3 hrs lecture) Learning and applying leadership principles and techniques in construction of understanding and developing interpersonal relationships between the general contractor, subcontractor, and craft workers to facilitate meeting deadlines, ensuring quality work, and keeping people safe during the completion of construction projects. Topics such as effective communication, leadership traits, improving work methods, and jobsite safety for construction superintendents, field engineers, supervisors, and foremen are covered.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Pittsburg State University
Pittsburg State University School of Construction
(Prepared by Brian Sandford, 10/18/2023)

COURSE TITLE: CMCET 606 – Construction Supervision and Leadership

COURSE SCHEDULE: Lecture - T/Th 8:00 – 9:15 S204

INSTRUCTOR: Brian Sandford, Office: S211 KTC, email: bsandford@pittstate.edu
Phone: 620-235-4972 Fax: 620-235-6558
Office Hours: Monday 2:00-4:00; Tuesday 9:30-12:00; Wednesday 2:00-3:30; Thursday 9:30-12:00; Friday 10:00-12:00, 1:00-4:00.

COURSE DESCRIPTION: CMCET 606 – Construction Supervision and Leadership (3 hours) lecture. General Contractor, Subcontractor, and Craft Relations. Learning and applying leadership principles and techniques of understanding and developing interpersonal relationships between the general contractor, subcontractor, and craft workers to facilitate meeting deadlines, ensuring quality work, and keeping people safe during the completion of construction projects. Topics such as effective communication, leadership traits, improving work methods, and jobsite safety for construction superintendents, field engineers, supervisors, and foremen are covered.

COURSE DELIVERY: This is a face-to-face course that meets from 8:00-9:15 on Tuesdays and Thursdays. The content for this course will be delivered through short lectures, class activities, regular writing assignments, and discussion of outside readings.

TEXTBOOK/MATERIALS REQUIRED:

- Adamchik, W., MBA, CMC (2011). *Construction Leadership from A to Z*. Austin, TX: Live Oak Book Company. ISBN: 978-1-936909-16-2
- Breslin, M. (2013). *Alpha Dog: Leading, Managing & Motivating in the Construction Industry*. Dublin, CA: McAlly International Press. ISBN: 978-0-9741662-0-9
- Schroeder, J. (2020). *Elevating Construction Superintendents*. Coppell, TX: Jason Schroeder. ASIN: B08VJJZN8B
- Breslin, M. (2013). *The Five Minute Foreman. Mastering the People Side of Construction*. Alamo, CA: McAlly International Press. ISBN: 978-0-9741662-9-2

COURSE OUTCOMES: (Reference to SOC Program Outcomes achieved by specific classroom assessment techniques). Upon completion of this course, students will be exposed to the knowledge to be able to:

- Understand and appreciate the value of the supervisor's position in the construction industry (Outcome 7; attendance, supervisor interview, professional development plan);
- Know the differences and similarities between supervisors and managers and how their roles either converge or differ within the construction industry (Outcome 5, 6; attendance, supervisor interview, Alpha Dog reflections);
- Identify the basic skills necessary for the supervision of a departmental unit in the construction industry and decide if you have or need to develop these skills (Outcome 1; attendance, supervisory interview, mid-term and final exam, Alpha Dog and A to Z reflections);

- Determine the supervisory methods and techniques required for effective motivation, communication, training and instruction, and performance appraisal of employees (Outcome 5; attendance, professional development plan, Alpha Dog and A to Z reflections);
- Determine and choose the supervisory skills needed to best coordinate the activities of the employees in achieving the established goals of the employee and the organization (Outcome 1, 5; attendance, Alpha Dog and A to Z reflections);
- Identify the latest professional concepts of supervisory practice and organizational behavior that produces success in the construction industries (Outcome 6, 7; attendance, mid-term and final exam);
- Understand workplace and workforce dynamics and the labor market including how to hire, train, and evaluate worker behaviors, output, and performance (Outcome 1, 6, 7; attendance, professional development plan);
- How to approach professional and workplace goals and apply a variety of problem solving and decision making techniques and approaches to become a trustworthy and dependable workforce leader and advocate (Outcome 5, attendance, Alpha Dog and A to Z reflections);
- Become acquainted with supervisory issues such as conflict management, corporate culture, legal requirements, safety, alcohol and drug abuse, and inter and intrapersonal skills, related to the management of people, time and money (Outcome 1, 5, 6, 7; attendance, supervisor interview, professional development plan, Alpha Dog and A to Z reflections);
- Reflect on past roles as employees, supervisors, volunteers, or other managerial roles to determine if behaviors follows good practice and sound supervisory principles (Outcome 6, attendance, professional development plan, mid-term and final exams);
- Make and defend decisions which implement management direction, company policies, and employee work assignments using the best information possible while providing for worker safety, possible union contract provisions, the legal and ethical rights of other workers and yourself, while promoting organizational success (Outcome 1, 5, 6; attendance, professional development plan).

COURSE TOPICS:

- | | |
|---|--|
| 1. The Big Picture | 2. The Dynamics of Supervision and Supervising |
| 3. Risk Management | 4. Problem Solving and Decision Making |
| 5. Oral Communication | 6. Written Communication |
| 7. Leading vs. Managing | 8. Understanding and Motivating People |
| 9. Employee Training and Performance Appraisals | 10. Intervention for Troubled Employees |
| 11. Diversity in the Workplace | |

Student Self-Evaluation Objectives:

By the end of the course, students should be willing to ask themselves and be able to honestly answer the following questions based on the information discussed in this course as well as relying on the character they have developed throughout the semester:

- Am I capable and comfortable of setting a personal and professional goal of becoming a successful supervisor in the construction industry?

- Am I willing to seek out supervisory positions and take responsibility for guiding the work efforts of others by meeting their needs before my own?
- Am I bold enough to supervise even if it means that I have to make tough decisions and then I may not be liked by other people that I work with?
- Am I bold enough to ensure that those who supervise me do it in a fair manner by speaking out when needed and engaging my superiors to do the best job possible?
- Will I resolve to be a good employee that makes supervising me easier or allows those who supervise me to know that I appreciate when they do a good job?
- Do I believe that the rewards which come with supervision far outweigh the challenges?
- Could I be a supervisor that motivates, teaches new skills, communicates well with employees and management, evaluates fairly, designs effective professional development opportunities, treats others with respect to get respect, and inspires others to do their best work even in the worst circumstances?
- Do I understand, or am I willing to spend the time to find out, how the organization I work for functions and how I fit within a leadership role and how does it contribute to organizational success?
- Do I believe I have what it takes to become a leader on the construction jobsite, within the company or corporation where I work, and even within the construction industry?
- Am I willing to take the time to motivate others by finding out what I can do to provide what they need and want and minimize or eliminate what dissatisfies them?
- Am I capable of making defensible decisions in stressful situations in the office and in the field using the best information available and the advice of others?
- Can I value the differences in people to the extent that their work becomes the most important factor which I see and appreciate?
- Can I tolerate the personalities and viewpoints of others even though I don't agree with them and can I discuss the differences without offending them or being offended by them?
- Am I ready to assert myself at the supervisory level in the construction industry or as I learn to become qualified to become a supervisor in ways that I know I am not comfortable doing?
- Am I willing to help the people I supervise deal with both work and outside of work issues so that they will become as productive in their personal lives as they are in their jobs?
- Am I willing to look myself in the mirror and become self-aware of what I should be seeing in myself AND/OR am I willing to consider how other people see me rather than how I think they see me and then change if needed?

TENTATIVE SCHEDULE OF ACTIVITIES

WEEK	CLASS CONTENT	HOMEWORK/ASSIGNMENTS/EXAMS
1	Lesson 1 – The Big Picture	In-class discussions & homework Leadership A to Z (Attitude) Elevating Superintendents Part 1 5 Minute Foreman: Introduction
2	Lesson 2 – The Dynamics of Supervision and Supervising	In-class discussions & homework Leadership A to Z (Balance and Communicate) Alpha Dog (Chapter 1)
3	Lesson 3 – Risk Management and Problem Solving	In-class discussions & homework Leadership A to Z (Decisive and Endurance) 5 Minute Foreman: Chapter 1
4	Lesson 4 Decision Making	In-class discussions & homework

		Leadership A to Z (Fair and Genuine) Alpha Dog (Chapter 2)
5	Lesson 5 – Oral Communication	In-class discussions & homework Leadership A to Z (Humble and Integrity) 5 Minute Foreman: Chapter 2
6	Lesson 6 – Written Communication	In-class discussions & homework Leadership A to Z (Judgment and Knowledgeable) Alpha Dog (Chapter 3)
7	Lesson 7 – Leadership	In-class discussions & homework Leadership A to Z (Loyal and Model) Elevating Superintendents Part 2
8	Lesson 8 – Understanding and Motivating People at Work	In-class discussions & homework Leadership A to Z (Nobel) Alpha Dog (Chapter 4) Mid-Term Exam
9	Lesson 9 – Employee Training and Performance Appraisal	In-class discussions & homework Leadership A to Z (Open-minded and Power) 5 Minute Foreman: Chapter 3
10	Lesson 9 cont.	In-class discussions & homework Leadership A to Z (Quality) *SUPERVISOR INTERVIEW DUE*
11	Lesson 10 – Intervention for Troubled Employees	In-class discussions & homework Leadership A to Z (Results and Self-_____) Alpha Dog (Chapter 5) 5 Minute Foreman: Chapter 4-5
12	Lesson 10 cont.	In-class discussions & homework Leadership A to Z (Timely and Urgent)
November 20-24 THANKSGIVING BREAK		
13	Lesson 11 – Diversity in the Workplace	In-class discussions & homework Leadership A to Z (Vision and Willing) 5 Minute Foreman: Chapter 6 *Draft PDP DUE*
14	Lesson 11 cont.	Leadership A to Z (Generation X) Alpha Dog (Chapter 6) Elevating Superintendents Part 3
15	Dead Week	In-class discussions & homework Leadership A to Z (Yield and Zeal) 5 Minute Foreman: Chapter 7-8 *Final Professional Development Plan (PDP) DUE
16		Final Exam Week

Reading/Written Response Assignments

The ability to communicate is probably one of the most important and vital skills in construction, both verbally and in writing. If a person cannot send or receive accurate messages within the construction industry, it is difficult for a person or project to succeed. Students are required to demonstrate their acquisition and application of course topics using written assignments based on assigned reading from the course textbooks. Effectively expressing yourself in writing is a clear demonstration of your ability to read, learn, reflect, respond, and subsequently impart valuable ideas and concepts to others. In terms of construction supervision, the goal of the writing activities from the student perspective is to develop a purpose or a self-improvement outcome in the context of focused reading and reflection following by writing about what was learned or considered valuable. It is guided practice on how to express yourself in writing to others with honesty and integrity focused on both content and context. Communicating effectively with yourself and others is essential to becoming an inspiring role model and leader within the construction industry. Students will write on a regular basis directly related to course content in the form of chapter reflections for *Construction Leadership from A to Z*; *Alpha Dog: Leading, Managing & Motivating in the Construction Industry*; *Elevating Construction Superintendents*; *The Five Minute Foreman. Mastering the People Side of Construction*, exams, and formal papers (supervisor interview and the professional development plan).

When possible, students should refer to the insights provided by the authors of the textbooks by incorporating their ideas into their writing but all such references must be given proper attribution using APA style for documenting source material.

STUDENT EVALUATION AND GRADING

Preparation/Attendance/Participation/Contribution (PACP)

100 points are available and will be awarded for your demonstrated attendance, active participation, and observable preparation to engage or be attentive to the topic being discussed. The participation grade is based upon: (a) contributions to classroom discussions; (b) reactions to assigned readings and presentations, c) attentiveness in face to face meetings. Some obvious negative or disruptive behaviors that will be observed and recorded by the instructor which may affect the PACP score include: **absent, late, asking for additional copies of homework or handouts previously provided, unprepared to take notes, inappropriate use of electronic devices (especially texting or internet use on a cell phone or other device), sleeping, excessive talking while the instructor is speaking, unethical behavior, annoyance or harassment of other students or the instructor, not removing a hat or hoodie during class time, and any other actions deemed "unprofessional" as a student or as an adult.** *Please remember these 100 points are not just for coming to class. It includes your willingness to respond to questions or comments by the instructor or other students, paying attention, showing up on-time or before class is scheduled to begin, taking notes or demonstrating that you are trying to learn and apply the information, turning in assignments on time, not talking when the instructor is talking, etc.* **100 Points possible**

Bonus: Those students with perfect attendance (no unexcused absences and never being late for the start of class) up to finals week will earn an extra 10% (10 points) added to their PACP grade.

Course Assignments:

- I. **Worksheets and Homework** – There are worksheets and homework assignments which correspond to the content and context of reading the course textbooks that will help students to put the information into a usable and relatable context within their own work and life experiences. The specific assignments and due dates will be provided by the instructor in class. The source of most of the homework assignments will be the weekly discussion topics or the textbook reading assignments. **50 pts. possible**

- II. **Weekly Chapter Read and Reflections** – Each week students will be given reading assignments of sections/chapters of the course textbooks by the instructor. Then, during each class meeting students are required to turn in their responses to the reflection questions provided on Canvas for the specific textbook in which reading was assigned. Students should also be ready to discuss their written responses to the questions with each other and the instructor. **230 pts. possible**

The responses will be graded with the following rubric:

4-5 points	Provided responses that were thoughtful, showed concentrated self-reflection and honest self-assessment, realistic, and included past experiences as the gauge and reference point for measuring needed change. What was written was believable, meaningful, and provoking. The dialogue directly referenced or was notably related to the required reading. The writing was aligned with the 6 performance categories found in the PSU Writing Rubric at the exceeding expectation level.
2-3 points	Response was generally realistic based on the student's expression of self-awareness and mostly concentrated on their personality attributes which need development. The student response showed average or baseline thought and development of the topic. There was some lack of focus and attention to detail. It was obvious that the student read the book as their response showed some connection to the assigned reading but lacked an energetic effort to reflect and respond using personal or professional life-based experiences. The writing only conformed to minimally meeting the expectations of the 6 categories found in the PSU Writing Rubric.
0-1 points	Student response only answered the basic question – sometimes with only a yes/no, showed some interest in self-improvement but performed only what was required or less. The veiled effort to 'BS' the instructor and in reality themselves was obvious. It was difficult to discern if the student had even read the required reading as the response was disjointed and unconnected to the concepts covered in the assigned reading. The writing fell below expectations as outlined by the PSU writing rubric for the 6 performance categories.

Note: NO LATE OR MAKE-UP ASSIGNMENTS WILL BE ACCEPTED. If you do not have an assignment on the due date, you will be given zero points for that particular assignment. This is not an online course, if you don't come to class to discuss and turn in the chapter discussions or any other assignment then don't bother, I will not take them after the class meeting or emailed to me or shoved under my door.

GRADING:

Possible Points	
PAPC	100
Worksheets/Homework	50
Chapter Responses	230
Interview Questions	25
Supervisor Interview	100
PDP	100
Midterm Test	50
Final Test	60
Total points possible	715

Grade Scale	
A	643 - 715
B	572 - 642
C	500 - 571
D	429 - 501
F	428 and below

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: Revision

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course: **CMCET 639**
For years this course has been offered as a (2) hour course while utilizing a (3) hour time slot. With the change in General Education the School of Construction gained credit hours and we chose to bring this course up to match the in class hours.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? Select One
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

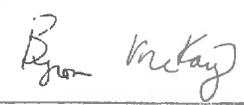
	Existing	New/Proposed
Title:	Construction Estimating II	Construction Estimating II
Course Number:	CMCET 639	CMCET 639
Credits:	2	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	CMCET 631 Construction Estimating I.	CMCET 631 Construction Estimating I.
Course Description	(2 hours lecture). Advanced study of estimating and bidding procedures for building, civil, and industrial construction. Includes unit price estimating, conceptual estimating, detailed estimating, overhead allocation, profit determination, bidding strategies, and bid formulation. Project oriented. Use of computer software. Prerequisite: CMCET 631 Construction Estimating I.	(3 hours lecture). Advanced study of estimating and bidding procedures for building, civil, and industrial construction. Includes unit price estimating, conceptual estimating, detailed estimating, overhead allocation, profit determination, bidding strategies, and bid formulation. Project oriented. Use of computer software. Prerequisite: CMCET 631 Construction Estimating I.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

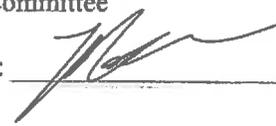
-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Pittsburg State University
School of Construction
(Prepared by: Dennis Audo)

COURSE TITLE: CMCET 639-01 & 02 CONSTRUCTION ESTIMATING II

COURSE SCHEDULE: **01 Section** (Tuesday 2:15-5:00pm) KTC Room W206
02 Section (Wednesday 3:20-5:50pm) KTC Room W206

INSTRUCTOR: Dennis Audo
Phone: (620) 235-4360
E-mail: daudo@pittstate.edu

Office: Room #W105g
Fax: (620) 235-4004
Cell: (620) 719-9605

COURSE DESCRIPTION: CMCET 639. (3 hours lecture). Advanced study of estimating and bidding procedures for building, civil, and industrial construction. Includes unit price estimating, conceptual estimating, detailed estimating, overhead allocation, profit determination, bidding strategies, and bid formulation. Project oriented. Use of computer software. Prerequisite: CMCET 631 Construction Estimating I.

TEXTBOOK/MATERIALS REQUIRED:

- Internet
- Handouts
- Blueprints
- Colored Pencils
- Calculator
- Engineer scale
- Architect scale
- External storage device (thumb drive)

COURSE GOALS & OBJECTIVES:

- Understanding the bidding process(a,i,j,1,7)
- Develop the skill required to setup and update electronic estimating databases(a,1)
- Estimate types and their purpose(a,1)
- Compiling and analyzing construction bids(a,1)
- Conceptual estimating(a,1)

COURSE TOPICS:

1. Introduction and discussion of the characteristics of the various types of construction bidding
2. Introduction to Timberline Estimating & MC2 software, database structures. Creation of database; group phases, phases, items and formulas
3. Introduction to compiling and analyzing construction bids
4. Introduction and discussion of the characteristics of conceptual estimating

TENTATIVE SCHEDULE OF ACTIVITIES

<u>WEEK</u>	<u>CLASS CONTENT</u>	<u>LAB ACTIVITY</u>
1	Introduction to class	Bidding laws & regulations
2	Budget estimating	Development equipment costs
3	Pre-estimate activities	Developing crew costs, I
4	Quantity take-off & pricing	Developing crew costs II
5	Test # 1	Crew production
6	Estimating subcontractor work & general conditions	Model estimating
7	Completing the estimate & unit price estimating	Equipment production
8	Bid day & bid day activities	Post bid day activities
9	Test #2	MC2 Estimate
10	Guaranteed maximum price estimates	Timberline Estimate
11	Guaranteed maximum price estimates case study	Timberline database development
12	Automated estimating & other types of estimates	Timberline database development
13	Conceptual estimating	Timberline data base development
14	Guest speaker (MANDATORY ATTENDANCE)	Guest speaker (MANDATORY ATTENDANCE)
15	Project management issues	Current issues related to estimating
16	Final Review	

Grading:

All scores of homework and quizzes will be included in the student's final score. The grading scale will be as follows:

90 – 100 = A

89 – 80 = B

79 – 70 = C

69 – 60 = D

59 – 0 = F

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course: **CMCET 651**
To consolidate courses within the emphasis areas and increase enrollment course numbers.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
NO
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No new Resources required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Heavy/Highway/Bridge Construction	Civil Construction II (Highway/Bridge/Utility
Course Number:	651	651
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisite: CMCET 434 Civil Construction	Prerequisite: CMCET 434 Civil Construction
Course Description	(2 hours lecture, 2 hours laboratory). Functional knowledge of materials, methods, scheduling, estimating and management associated with highway, street, bridge, dam and other heavy construction. Prerequisite: CMCET 434 Civil Construction.	(2 hours lecture, 2 hours laboratory). Functional knowledge of materials, methods, scheduling, estimating and management associated with highway, street, bridge, dam and other heavy construction. Prerequisite: CMCET 434 Civil Construction.

Authorization/Notification Sign-Off Sheet

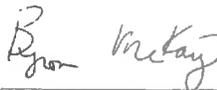
-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: _____



-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: _____



-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: _____



-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: _____



-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Pittsburg State University
School of Construction – Construction Engineering Technology
Fall 20##

COURSE TITLE: CMCET 651 – Civil Construction II

COURSE DELIVERY/SCHEDULE: F2F – TBD

INSTRUCTOR: TBD

COURSE DESCRIPTION: CMCET 651 Civil Construction II. 3 hours. (2 hours lecture, 2 Hours Lab). Functional knowledge of materials, methods, scheduling, estimating and management associated with highway, street, bridge, utility, dam and other heavy construction. Prerequisite: CMCET 434 Civil Construction.

TEXTBOOK/MATERIALS REQUIRED:

- Handouts
- Bluebeam (for home use no Apple)
- AGC Smart Brief Subscription
- IECA SmartBrief Subscription
- Construction Dive Newsletter
- Autodesk Student Account
- Trimble Student Account
- Additional software will be provided as needed

COURSE OBJECTIVES: (Reference to Program Outcomes)

- To provide an advanced experience in interpreting Highway/Road/Bridge/Utility construction plans and specifications influenced by regional City, State, and Federal. (1,3,4)
- To provide an understanding of Highway/Road/Bridge/Utility construction methodology, estimating, bidding, scheduling, and project management. (1,3,4)
- To provide and understanding of appropriate terminology associated with Highway/Road/Bridge/Utility construction. (2,4)
- To provide an understanding of methods, materials and QA/QC for various types of Highway/Road/Bridge/Utility construction (1,3,4)
- To provide an understanding of safety practices and requirements associated with Highway/Road/Bridge/Utility construction.
- To provide an understanding of software used in Highway/Road/Bridge/Utility construction estimating, scheduling, and design.

COURSE TOPICS:

1. Highway Construction, Materials & Methods
2. Bridge Construction, Materials & Methods
3. Plans & Specifications: Estimating, Bidding, Scheduling and Management for Highways & Bridges
4. Traffic Control for Highways & Bridges, Methods & Management
5. Safety for Highway & Bridges, Methods & Management
6. Water/ Wastewater Construction Material & Methods
7. Underground Utility Construction Material & Methods
8. Safety for Utility Construction, Methods & Management
9. Use of Technology in Utility Construction

COURSE GRADING

Final grades will be based on the following scale:

90% - 100%	A
80% - 90%-	B
70% - 80%-	C
60% - 70%-	D
0% - 60%-	F

Course grades will be assigned using the following approximate proportions for class activities:

Homework/Quizzes	55%
Projects	30%
Final Project	<u>15%</u>
	100%

Note: Grades accumulated during the semester will be entered in CANVAS for the course. Students are encouraged to check such grades for accuracy and notify the instructor immediately if a grade is incorrectly recorded as compared to the returned work.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Shannon Nicklaus Faculty

Course: **Deletion**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Deletion** to Course: **CMCET 652**
Combining CMCET 651 and CMCET 652 student learning outcomes and objectives to condense information within the course under the CMCET 651 Course. To consolidate courses within the emphasis areas and increase enrollment course numbers.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
NO
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No new Resources required.

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

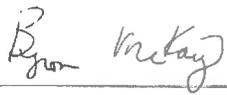
	Existing	New/Proposed
Title:	Utility Construction	
Course Number:	652	
Credits:	3	
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisite: CMCET 434 Civil Construction	n
Course Description	(2 hours lecture, 2 hours laboratory). Functional knowledge of materials, methods, scheduling, estimating and management associated with utility based construction. Prerequisite: CMCET 434 Civil Construction.	

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/23 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/23 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/10/23
Department: School of Construction College of: Technology
Contact Person: Christopher Pross Faculty

Course: Revision

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course: **CMCET 691**
For years this course has been offered as a (3) hour course while utilizing a (4) hour time slot. With the change in General Education the School of Construction gained credit hours and we chose to bring this course up to match the in class hours.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
No
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
None

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **Select One**
 If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Senior Projects	Senior Projects
Course Number:	CMCET 691	CMCET 691
Credits:	3	4
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisites: senior standing and permission of instructor.	Prerequisites: senior standing and permission of instructor
Course Description	3 hours. (6 hours laboratory). Capstone experience utilizing construction design, methods, cost analysis, specifications, contracts and organization in a construction project. The course employs computer applications for design, drafting, and control. Prerequisites: senior standing and permission of instructor.	4 hours. (Hybrid) (1 hour lecture, 6 hours laboratory). Capstone experience utilizing construction design, methods, cost analysis, specifications, contracts and organization in a construction project. The course employs computer applications for design, drafting, and control. Prerequisites: senior standing and permission of instructor.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

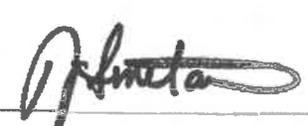
Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/23 Signature, Committee Chair: 

-Approved: Dean of College

12/05/2023

Date: _____ Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

**Pittsburg State University
School of Construction
Spring 2023**

(Prepared by: Chris Pross, P.E. and Chad Crain, January 2023)

COURSE TITLE: CMCET 691 – Senior Projects

COURSE DELIVERY/SCHEDULE: FTF; Lecture – T/TH 10:00 – 11:40 AM, W212/W206 KTC

INSTRUCTORS: Chris Pross – (620) 235-4358 cpross@pittstate.edu (Office W105f KTC)
(712) 249-6758 (cell)
Chad Crain – (620) 235-4268, ccrain@pittstate.edu (Office W105d KTC)
(620) 674-1416 (cell)
James Otter – (620) 235-4349, jlotter@pittstate.edu (Office W223 KTC)
Todd Melton - (620) 235-4269 (Office W226)
(620) 249-1645 (cell)
Faculty Office Hours posted All faculty use fax (620) 235-6558

COURSE DESCRIPTION: CMCET 691 Senior Project. 3 hours. (6 hours laboratory). Capstone experience utilizing construction design, methods, cost analysis, specifications, contracts and organization in a construction project. The course employs computer applications for design, drafting, and control. Prerequisites: senior standing and permission of instructor.

TEXTBOOK/MATERIALS REQUIRED:

- Textbook – No Textbook required
- Computer Storage Device
- Safety Personal Protective Equipment (PPE) – OSHA Approved Hardhat & SafetyGlasses

COURSE OBJECTIVES: (Referenced to CMCET Educational Outcomes)

- Objective #1: To introduce the students to the working of a construction company. (Outcomes 1, 2, 5, 6, 7)
- Objective #2: To have the student experience a project from design to completion. (Outcome 5, 6, 7)
- Objective #3: To allow the student to schedule and plan a real world project. (Outcomes 1, 6)
- Objective #4: To introduce the student to the organization and management of a labor force. (Outcomes 1, 5)
- Objective #5: To introduce the student to project cost control. (Outcomes 1, 6)
- Objective #6: To introduce the student to project document control. (Outcomes 1, 6)

COURSE TOPICS:

1. Construction company structure
2. Construction professional job descriptions
3. Construction project design document development
4. Construction project budget development and control
5. Construction project scheduling
6. Construction contracts

TENTATIVE SCHEDULE OF ACTIVITIES

<u>DAY</u>	<u>CLASS CONTENT</u>	<u>ASSIGNMENTS</u>
1 –	Introduction/ PSU Construction Current Projects/ PSU Construction Positions	Resume update, Letter of proposal,
2 –	Project Assignments; Documentation Tools /Presentations	Signed Safety Form, Team Roles
3 –	ProCore Introduction, Estimating Workshop	ProCore Training Modules
4 –	Communication/Documentation, Leadership	
5 –	Construction Documentation: Procore –Emily Brown, McCownGordon Construction	One page Summary of Presentation
6 –	Leadership Workshop – Larry Weis, Note: Starts at 9:30 am	One page Summary of Presentation
7 –	Scheduling Workshop; Contract Writing Workshop	
8 –	Permits and Utilities Workshop – Matt Bacon, City of Pittsburg	One page Summary of Presentation
9 –	Design and Specifications Workshop	
10 –	Poster Board Presentation Workshop	
11 –	Project Related Activities	
12 –	Project Related Activities	
13 –	Project Related Activities	
14 –	Project Related Activities	
15 –	Mid Semester Presentations	All PPT's submitted by 9:00 AM
16 –	Mid Semester Presentations	Midterm Team/Self Evaluations
17 –	Spring Break (No Class)	
18 –	Spring Break (No Class)	
19 –	Project Related Activities	
20 –	Project Related Activities	
(Friday)	Leadership Council Presentations	Presentations start at 9:00 AM Be ready by 8:30 AM
21 –	Project Related Activities	
22 –	Project Related Activities	
23 –	Project Related Activities	
24 –	Project Related Activities	
25 –	Project Related Activities	
26 –	Project Related Activities	
27 –	Project Related Activities	
28 –	Project Related Activities	
29 –	Project Related Activities	
30 –	Project Related Activities	
31 –	Final Presentations	All PPT's submitted by 9:00 AM
32 –	Final Presentations	
33 –	Final Week	Team/Self Evaluations, Project Documentation, Lessons Learned Due by 5:00 AM

Schedule for activities above is subject to availability of the presenter and will be announced as it becomes available. When presenter is a guest speaker from industry business casual attire is required for all employees.

GRADING SYSTEM:

Grades will be based on the following scale:

90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
0% - 59%	F

Final grades will be assigned using the following approximate proportions for each class activity:

STUDENT EVALUATION:

Individual

Individual Performance – Weekly Performance Evaluation; Peer review; 20%

- Individual Documents; Individual Presentation/Meeting Performance,
- Implementation and support of safety policies/rules

Individual Leadership – Company-level; Project-level; or Task-level 15%

Individual Professional Development – Seminars; Self-improvement, etc. 15%

(Scheduled Workshops/Activities)

Team

Team Project Management – Project Documents; Meetings; Communication; 15%

- Quality & Timely Documentation; Distribution of Resources

Team Performance – Product Delivered 15%

- Timely Project Completion, Quality, Safety, Customer Satisfaction;

Presentations/Meetings – Team Performance 20%

- Scheduling; Timeliness; Presentation Quality; Professional Appearance;
- Preparation; Efficiency

100%

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/1/23
Department: School of Construction College of: Technology
Contact Person: Brian Welch Faculty

Course: Revision

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
Changing the credit hour requirement of EST 400 - Cooperative Education/Internship from (3 to 6) to (1 to 3). This change aligns credit hour requirements with other School of Construction internship credit hour requirements.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, EST 400 is only offered to students seeking the ESM degree.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
NO
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
NO

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

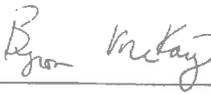
	Existing	New/Proposed
Title:	Cooperative Education/Internship	Cooperative Education/Internship
Course Number:	EST 400	EST 400
Credits:	3 to 6	1 to 3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input checked="" type="checkbox"/>	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input checked="" type="checkbox"/>
Pre/Co-Requisite(s):		
Course Description	An internship or cooperative education experience in industry, business or government. Student is interviewed and employed by an industrial business or governmental organization with a defined work program. Supervision of the work experience is conducted by the employer and a program coordinator. May be repeated if subject matter is different. Written permission of the department is required. Offered on a pass-fail basis only.	An internship or cooperative education experience in industry, business or government. Student is interviewed and employed by an industrial business or governmental organization with a defined work program. Supervision of the work experience is conducted by the employer and a program coordinator. May be repeated if subject matter is different. Written permission of the department is required. Offered on a pass-fail basis only.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/10/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/23 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/23 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/1/23
Department: School of Construction College of: Technology
Contact Person: Brian Welch Faculty

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
Changing the credit hour requirement of EST 614 - Environmental and Safety Program Development from 2 to 3. This change better represents the time students spend in and out of class working on course requirements. Also clean up the course description to reflect current courses listed as pre-requisites.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, EST 614 is only offered to students seeking the ESM degree.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
NO
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
NO

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Environmental and Safety Program Dev	Environmental and Safety Program Dev
Course Number:	EST 614	EST 614
Credits:	2	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	on. Prerequisites: EST 403 Industrial Safety or EST 496 Construction Safety or EST 498 Environmental Safety or EST 603 Industrial Safety or EST 696	EST 403 Industrial Safety or EST 496 Construction Safety.
Course Description	Examine requirements of environmental and safety programs and how to incorporate into an organization's efforts. Students will review developed programs and create their own, which will offer knowledge that can be immediately used upon going into the environmental or safety profession. Prerequisites: EST 403 Industrial Safety or EST 496 Construction Safety or EST 498 Environmental Safety or EST 603 Industrial Safety or EST 696 Construction Safety.	Examine requirements of environmental and safety programs and how to incorporate into an organization's efforts. Students will review developed programs and create their own, which will offer knowledge that can be immediately used upon going into the environmental or safety profession. Prerequisites: EST 403 Industrial Safety or EST 496 Construction Safety.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/10/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: Byron McKay

-Approved: Dean of College

Date: 12/05/23 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 11/1/20

Department: School of Construction College of: Technology

Contact Person: Brian Welch Faculty

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a New to Course:
With recent changes to the general deucation requirements from the Kansas Board of Regents, an opening in the 120 credit hour requirement was created. Industry partners (advisory council) have requested students be exposed to technology utilized in the safety management career field.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
Possibly. This new course may be used by students seeking an elective or persuing a minor in safety management.
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
Additional costs may include new promotional media to include the new course. **Other** costs may include equipment used in the career.
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
Equipment costs associated with the equipment should be covered through School of Construction funding sources and industry partnerships.



7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Advanced Safety Management Technology
Course Number:		EST 645
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Junior or Senior Standing
Course Description		This course is designed to provide upper-level college students with an in-depth understanding of how new technologies are revolutionizing safety management in various industries. Through a combination of theoretical concepts, practical applications, case studies, and experiential learning, students will explore the latest tools and techniques being employed to ensure the utmost safety in today's fast-paced work environments.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/1/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: Byron McKay

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

PITTSBURG STATE UNIVERSITY
School of Construction
(Prepared by: Brian Welch, October 2023)

COURSE TITLE: EST 645-01
Advanced Safety Management Technology (3 Credit Hours)

COURSE SCHEDULE: TBD

COURSE LOCATION: TBD

INSTRUCTOR: Brian Welch, CSP
Office: S-204 KTC
E-Mail: brianwelch@pittstate.edu
Phone: 620-235-4344
Cell: 620-674-1047

OFFICE HOURS: TBD

TEXTBOOK/MATERIALS REQUIRED
ZTC / OER

COURSE DESCRIPTION

This cutting-edge course is designed to provide upper-level college students with an in-depth understanding of how new technologies are revolutionizing safety management in various industries. Through a combination of theoretical concepts, practical applications, case studies, and experiential learning, students will explore the latest tools and techniques being employed to ensure the utmost safety in today's fast-paced work environments.

COURSE DELIVERY

Face-to-Face lecture. Online instruction may be used as the need arises.

COURSE OBJECTIVES:

1. Familiarize students with emerging technologies in safety management and their potential applications in different industries.
2. Develop a comprehensive understanding of how new technologies can enhance hazard identification, risk assessment, incident prevention, and emergency response.
3. Explore the integration of artificial intelligence, machine learning, and Internet of Things (IoT) devices for real-time monitoring and analysis of workplace safety.
4. Analyze the impact of wearable technologies, such as smart personal protective equipment (PPE), on workplace safety and employee performance.
5. Examine the role of data analytics and predictive modeling in identifying trends, patterns, and potential safety risks.
6. Understand the legal, ethical, and privacy implications related to implementing and utilizing advanced safety management technologies.
7. Evaluate case studies and real-world examples to assess the effectiveness and limitations of different safety management technologies.

8. Develop critical thinking and problem-solving skills by identifying practical applications of new technologies in safety management.

9. Collaborate in group projects and presentations to propose innovative technological solutions to address specific safety challenges in industries such as construction, manufacturing, healthcare, or transportation.

COURSE TOPICS:

1. Introduction to Advanced Safety Management Technologies
2. IoT and Sensor Technologies for Safety Monitoring
3. Artificial Intelligence and Machine Learning in Safety Management
4. Wearable Technologies for Personal Safety and Risk Mitigation
5. Predictive Analytics and Data-driven Safety Decision-making
6. Virtual and Augmented Reality for Hazard Simulation and Training
7. Robotics and Automation in Workplace Safety
8. Cybersecurity and Data Privacy in Safety Management Technologies
9. Industry-specific Applications and Case Studies
10. Ethical Considerations and Human Factors in Technology Integration for Safety Management
11. Implementing and Managing Safety Technology Initiatives
12. Future Trends and Challenges in Safety Management Technology

Through this course, students will gain a competitive edge in their careers by understanding how to effectively leverage new technologies to create safer work environments. By evaluating and applying the latest tools and techniques, they will be equipped to proactively address safety risks and challenges in the ever-evolving workplace.

GENERAL REQUIREMENTS

Web-based communication: CANVAS course-management software may be used as a course management tool in this class. The Gorilla User System (GUS) is used by the university and faculty for various communication needs. Links to CANVAS and GUS are provided on the PSU home page (www.pittstate.edu). Each student is responsible for maintaining their current e-mail address in both CANVAS and GUS. Failure to receive necessary course information through these sources and e-mail is not an acceptable excuse for failure to complete and submit work in a timely manner.

The Department of CMCET is committed to a policy of educational equity. Accordingly, the Department supports University policies on 1) Equal Opportunity, 2) Racial Harassment, 3) Sexual Harassment, 4) Consenting Relationships, 5) Nondiscrimination, 6) Prevention of Alcohol Abuse & Drug Use on Campus & in the Workplace. Copies of these policies are available in the CMCET Departmental office (W223-KTC) or through Jamie Jones, Director of Equal Opportunity, Room 218 Russ Hall, 235-4189.

PSU SYLLABUS SUPPLEMENT (Spring 2023)

The supplement is updated for each semester and includes information for students about campus resources, notifications, expectations, grades, etc. This supplement in its entirety can be found at: <https://www.pittstate.edu/faculty-staff/files/documents/faculty-senate/documents/syllabus-supplement-spring-2023.pdf>

PARTICIPATION

Classroom participation is very important. A participation rubric can be found on Canvas. You may positively affect your participation grade by:

- Becoming more active and/or making more effective comments that raise overall level of discussion and set examples for others.
- Asking thoughtful questions that will enhance discussion and engage peers.
- Listening carefully to, supporting, and engaging your peers in discussion.

You may negatively affect your participation grade by:

- Not attending class regularly, even though you meet attendance requirements or may have submitted assigned work, your contribution will not have added to class discussion.
- Disrupting others' opportunity to listen and/or participate.
- Making negative, offensive, and/or disrespectful comments during discussions that do not fit within the class context.
- Using electronic devices, such as, and not limited to a cell phone, iPod, or computer for personal or other coursework reasons during class unless instructed to do so. This can result in a non-attendance
- Sleeping in class can result in non-attendance to be determined by the instructor
- Positional reports submitted after the deadline date will receive a fifty percent reduction

EVALUATION AND GRADING SCALE

Grading Criteria:

Attendance	25%
Participation	25%
Written Reports	25%
Oral Reports	25%
Total	100%

Grading Scale:

A = 90 - 100%
B = 80 - 89%
C = 70 - 79%
D = 60 - 69%
F = 59% or below

Academic dishonesty, which includes cheating and plagiarism will not be tolerated and can result in a final grade of F or dismissal from the class. This statement is consistent with university policy.

ASSIGNMENTS AND EXAMINATIONS

Each report is to be written consistent with writing to learn standards. The report is to be constructed with an executive summary that provides an overview of the entire report. The executive summary is NOT considered as a paragraph it is simply an overview. The three-part report will consist of an introductory paragraph stating the position of the author and is to be written in a persuasive fashion outlining the research conducted. The second part is to include the research and states clearly the rationale for the position of the author. The final or third part is to provide a summation of the author's position from a personal perspective. The entire report is to be written consistent with rules of grammar. Students are encouraged to use the writing center or reviews by members of the same team illustrating an effort to construct a report that states the author's position using the three Cs clear, concise and correct. Evidence of either proofreading by the writing center or a peer review will be rewarded with additional points.

ATTENDANCE POLICY

If absences are unavoidable, please contact the instructor before class to inform him you will not be attending classes. Attendance represents a major portion of the overall grade. Excessive absences (3 or more) may result in the student being dropped from the class.

STUDENT ORGANIZATION INFORMATION

Students enrolled in this course are encouraged to join American Society of Safety Professionals (ASSP). Pittsburg State University participates in this national organization and holds regular meetings in room E119 of the Kansas Technology Center.

ACADEMIC INTEGRITY

Education at the university level requires intellectual integrity and trust between faculty and students. Professors are obliged to master their subject and present as fair an account of it as possible. For their part, students are obliged to make an honest effort to fulfill both the letter and the spirit of course requirements. Academic dishonesty violates both integrity and trust. It jeopardizes the effectiveness of the educational process and the reliability of publicly reported records of achievement. Academic dishonesty by a student is defined as unethical activity associated with course work or grades. A complete copy of the academic honesty and integrity policy may be found at: www.pittstate.edu/audiences/current-students/policies/rights-and-responsibilities/academic-misconduct.dot

PROFESSIONALISM

The key to success in any class is a commitment to a timely performance on all assignments. The instructor's intent is to reward successful, professional and innovative performance with a letter grade of "A". It is critical to understand that substandard performance is not acceptable on any type of project. Assignments and test dates are listed in this syllabus or will be announced in class. It is the student's responsibility to complete all work within the required timeframe.

Plagiarism is never acceptable and if it is determined that an assignment was "cut and pasted" or a major portion of an assignment is simply plagiarized, the student will receive an F for the assignment and no alternative assignment will be offered. Unsatisfactory initial performance will not be rewarded; this includes work turned in after the posted timeframe.

LATE WORK

Students are expected to complete all work within established timeframes and due dates. If students are unable to turn their report in on time it can be used in the debate yet the total grade for the report will receive a fifty percent reduction when graded by the instructor.

SPECIAL INSTRUCTIONS:

- A. Special Concerns: Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact the instructor soon as possible to make necessary accommodations.
- B. Directions and instructions other than those listed in this course outline will be given as necessary.
- C. Hats and caps are not to be worn in the classroom.
- D. The use of tobacco products is not permitted in the Kansas Technology Center.
- E. The consumption of food and drink should be kept to a minimum. Abuse of this privilege will result in it being taken away. Throw away all trash and clean area before leaving the classroom.
- F. The PSU School of Construction is committed to a policy of educational equity. Accordingly, the School is committed to the support of all University policies on 1) Equal Opportunity Policy; 2) Racial Harassment Policy, 3) Sexual Harassment Policy, 4) Consenting Relationships Policy, 5) Nondiscrimination Policy, 6) Policy on Prevention of Alcohol Abuse & Drug Use on Campus & in the Workplace. Copies of these policies are available in the school of Construction office (KTC-W223) or through the Director of Equal Opportunity, Russ Hall, Room 218 or by calling 620-235-4189.
- G. Each student is expected to do his/her own work on all exams, homework, projects, quizzes, etc. Copying or other forms of cheating will result in a score of zero (0) for that activity. Offenders will be dropped from the class roster. A grade of "F" due to cheating is recorded on a student's transcript as an "XF" and is not removed from the transcript when the course is repeated for a higher grade.

GENERAL SAFETY RULES:

- A. Accept the "zero accident" philosophy.

- B. Approved hardhats and safety glasses are to be worn at all times when working in the construction jobsite work area. Hardhats and safety glasses are available in the Keller lab.
- C. All clothing worn for field work must be in accordance with general work and safety practices. Do not wear clothing that could get caught in machinery or otherwise cause an accident (such as dragging or baggy trousers, torn or loose long sleeves, loose neck jewelry and rings). Shirts with sleeves are to be worn at all times and must cover the shoulders and torso. Tank tops and football type net shirts are not acceptable. Pants must be full length (no cut-offs or shorts). Shoes or boots must be of sturdy leather, thick-soled and cover the ankle. Dress shoes, athletic shoes or sandals are not acceptable.
- D. Use tools, equipment, and personal protective equipment the way they were designed.
- E. Inspect tools and equipment prior to use. Do not use damaged or unsafe tools and equipment. Damaged tools and equipment shall be removed from service until fully repaired or replaced.
- F. Only perform tasks for which you have been trained.
- G. Correct or report all unsafe conditions immediately to a course instructor.
- H. Everyone has the right to refuse to perform work which is believed to be unsafe. Explain your concerns to a course instructor.
- I. Good housekeeping requires the attention and cooperation of all involved. Pick up tools, store materials properly, and pick up trash daily.
- J. Safety is everybody's business. Suggestions are welcomed and shall be directed to the course instructor.

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date: 11/1/23

Department: School of Construction

College: Technology

Contact Person: Denise Bertoncino

Faculty

Revision Major

If Emphasis, enter name of the Major: Bachelor of Science Degree with a Major in Interior Design

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:
Modifying Major requirements to align better with intent of Program. Addition of art electives to facilitate student creativity toward their design projects. Addition of GC141 - Illustration Software and Removal of GC 221 - Web Graphics Design based on industry feedback.
2. Rationale for change, including changes to curriculum objectives:
We have submitted this to reflect Interior Design Leadership Council and Industry feedback. The program has become so Technology Oriented to meet industry standards that we believe students creativity is disappearing. The addition of GC141 - Illustration Software is being done as it better fits our program and the Removal of GC 221 - Web Graphics Design
3. Will this change affect any education majors? No
If "yes," this request will need to have the approval of the Council for Teacher Education.
4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***
Yes. It will impact the Graphic Design program by the number of students that enroll in the courses which will alter their numbers for the course. The Graphic Design program currently has no problem accommodating the IND student numbers. It will also impact the Art department attached is documentation of the feasibility.
5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***
No. The changes will have no affect on any other regent University.

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
None
10. Describe the program assessment plan (for **new** programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =
 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

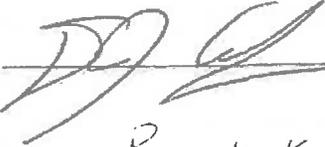
1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

CURRICULUM REVISIONS

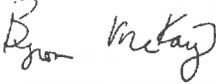
	Existing	Proposed
Title:	BS Degree with a Major in Interior Design	BS Degree with a Major in Interior Design
<p>Curriculum: (Do not include GenEd)</p>	<p>Core Requirements (54 hours) ___ IND-110 Interior Design Fundamentals (3 hours) ___ IND-120 Interior Design Studio Fundamentals (3 hours) ___ IND-210 Software Application for Interior Design (3 hours) ___ IND-312 History of Design I (3 hours) ___ IND-313 History of Design II (3 hours) ___ IND-315 Interior Design: Studio I (3 hours) ___ IND-316 Space Planning and Programming (3 hours) ___ IND-320 Detailing and Working Drawings (3 hours) ___ IND-323 Interior Design Materials and Resources (3 hours) ___ IND-324 Applied Color and Lighting Design (3 hours) ___ IND-325 Interior Design: Studio II (3 hours) ___ IND-356 Textiles (3 hours) ___ IND-411 Professional Practice for Interior Design (3 hours) ___ IND-420 Interior Design: Studio III (3 hours) ___ IND-422 Interior Design: Studio IV (3 hours) ___ IND-425 Green Building Principles and Practices (2 hours) ___ IND-570 Professional Internship Preparation (2 hours) ___ IND-571 Professional Internship (1 hour) ___ IND-572 Interior Design Portfolio Prep and Senior Exhibit (1 hour) ___ EST-621 Ergonomics/Human Factors (3 hours)</p> <p>Construction Support Courses (17 hours) See notes *1 ___ CMCET-133 Construction Graphics (3 hours) ___ CMCET-235 Methods of Construction-Light Frame and Finishes (2 hours) ___ CMCET-318 Fundamental MEP Systems (3 hours) ___ CMCET-332 Residential Design (3 hours) ___ CMCET-340 Building Information Modeling (BIM) (3 hours) ___ CMCET-401 Investigations in Technology () (1-4 hours) Note: Requires 3 hours. Notes *1: A grade of C or better is required in all major requirements and their prerequisites.</p> <p>Graphic Design Support Courses (9 hours) See notes *2 ___ GIT-142 Raster Graphics Software (3 hours) ___ GIT-221 Web User Experience (3 hours) ___ GIT-240 Page Layout Software (3 hours) Notes *2: A grade of C or better is required in all major requirements and their prerequisites.</p>	<p>Core Requirements (54 hours) ___ IND-110 Interior Design Fundamentals (3 hours) ___ IND-120 Interior Design Studio Fundamentals (3 hours) ___ IND-210 Software Application for Interior Design (3 hours) ___ IND-312 History of Design I (3 hours) ___ IND-313 History of Design II (3 hours) ___ IND-315 Interior Design: Studio I (3 hours) ___ IND-316 Space Planning and Programming (3 hours) ___ IND-320 Detailing and Working Drawings (3 hours) ___ IND-323 Interior Design Materials and Resources (3 hours) ___ IND-324 Applied Color and Lighting Design (3 hours) ___ IND-325 Interior Design: Studio II (3 hours) ___ IND-356 Textiles (3 hours) ___ IND-411 Professional Practice for Interior Design (3 hours) ___ IND-420 Interior Design: Studio III (3 hours) ___ IND-422 Interior Design: Studio IV (3 hours) ___ IND-425 Green Building Principles and Practices (2 hours) ___ IND-570 Professional Internship Preparation (2 hours) ___ IND-571 Professional Internship (1 hour) ___ IND-572 Interior Design Portfolio Prep and Senior Exhibit (1 hour) ___ EST-621 Ergonomics/Human Factors (3 hours)</p> <p>Construction Support Courses (17 hours) See notes *1 ___ CMCET-133 Construction Graphics (3 hours) ___ CMCET-235 Methods of Construction-Light Frame and Finishes(2 hours) ___ CMCET-318 Fundamental MEP Systems (3 hours) ___ CMCET-332 Residential Design (3 hours) ___ CMCET-340 Building Information Modeling (BIM) (3 hours) ___ CMCET-401 Investigations in Technology () (1-4hours) Note: Requires 3 hours. Notes *1: A grade of C or better is required in all major requirements and their prerequisites.</p> <p>Graphic Design Support Courses (9 hours) See notes *2 ___ GC-141 Illustration Software (3 hours) ___ GC-142 Raster Graphics Software (3 hours) ___ GC-240 Page Layout Software (3 hours) Notes *2: A grade of C or better is required in all major requirements and their prerequisites.</p> <p>Art Support Courses (6 hours) Select 2 of the following courses: ART-100 Visual Thinking (2D) (3 hours) ART-200 Visual Thinking (3D) (3 hours) ART-210 Visual Thinking:Digital Process (3 hours) ART-233 Drawing 1 (3 hours) ART-341 Perspective Drawing (3 hours) ART-352 Color Systems, Theory, & Application (3 hours)</p>

Authorization/Notification Sign-Off Sheet

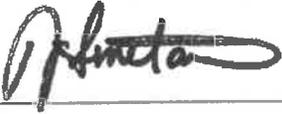
-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Some MINORS will need KBOR Approval.

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. (MUST BE ENTERED INTO KBOR PI/CIP SYSTEM AT TIME OF SUBMISSION TO KBOR).

The Provost's Office will notify the department, college and Registrar of the completion of the approval process.

Please Note: This is a 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.

Pittsburg State University
School of Construction
Program Guide
Interior Design

MAJOR REQUIREMENTS*

Interior Design Courses (54 hours)

IND 110 Interior Design Fundamentals	3__
IND 120 Interior Design Studio Fundamentals	3__
IND 210 Software Application for Int. Design	2__
IND 312 History of Design I	3__
IND 313 History of Design II	3__
IND 315 Interior Design: Studio I	3__
IND 316 Space Planning and Programming	3__
IND 320 Detailing and Working Drawings	3__
IND 323 Materials & Resources	3__
IND 324 Applied Color & Lighting Design	3__
IND 325 Interior Design: Studio II	3__
IND 411 Professional Practice	3__
IND 420 Interior Design: Studio III	3__
IND 422 Interior Design: Studio IV	3__
IND 425 Green Building Principles & Practices	2__
IND 570 Professional Internship Prep	2__
IND 571 Professional Internship	1__
IND 572 Portfolio Prep & Sr. Exhibit	2__
IND 356 Textiles	3__
EST 621 Ergonomics/Human Factors	3__

Construction Emphasis (17)

CMCET 133 Construction Graphics	3__
CMCET 235 Meth/Const. Light Frame/Finish	2__
CMCET 318 Fundamental MEP Systems	3__
CMCET 340 Building Information Modeling (BIM)	3__
CMCET 332 Residential Design	3__
CMCET 401 Investigations in Technology	3__

Graphic Design Emphasis (9)

GC 141 Illustration Software	3__
GC 142 Photo Editing Software – Photoshop	3__
GC 240 Page Layout Software – In design	3__

Art Emphasis (6)

Select from the following courses:

ART 100 Visual Thinking (2D)	3__
ART 200 Visual Thinking (3D)	3__
ART 210 Visual Thinking: Digital Process	3__
ART 233 Drawing I	3__
ART 352 Color Systems, Theory, & Application	3__
ART 341 Perspective Drawing	3__
(Prerequisite of ART 233 – take for Bucket #6)	

GENERAL EDUCATION

34-35 HOURS

Bucket #1: English Discipline Area (6 hours)

ENGL 101 English Composition	3__
ENGL 299 Intro. to Research Writing	3__

Bucket #2: Communication Discipline Area (3 hours)

COMM 207 Speech Communication	3__
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Bucket #3: Math & Stats Discipline Area (3 hours)

Any math course	3__
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Bucket #4: Natural & Physical Disc. Area (4-5 hours)

One subject – must include a lab	4-5__
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Bucket #5: Social & Behavioral Sciences Discipline Area (6 hours)

Two courses from two subject areas	6__
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Bucket #6: Arts & Humanities Discipline Area (6 hours)

Two courses from two subject areas	6__
------------------------------------	-----

Bucket #7: Institutionally Designated Area (6 hours)

Determined by the Institution	6__
(Will include UGS 150 Gorilla Gateway - 2)	
(Will include Wellness Strategies - 1)	

Interior Design Requirements	86__
General Education Requirements	34__

TOTAL 120 hours

***A grade of C or better is required in all major requirements/emphases and their prerequisites**

Re: Support courses

James Oliver JR <joliver@pittstate.edu>

Fri 9/22/2023 3:17 PM

To: Denise Bertoncino <dbertoncino@pittstate.edu>

Denise,

This looks fine and the additional possible students are welcome in the Art courses. I would mention the following two things.

First, please be advised that ART 250 Color Theory is no longer offered although it could still be on the catalog. In its place we offer ART 352 Color Systems, Theory and Application. You probably want to include ART 352 rather than ART 250. ART 352 has no pre-requisite, although it would be beneficial to have some drawing or painting experience (the work tends to be completed in gouache).

Second, ART 210 in the near future could be replaced with a new upper- level version of the Visual Thinking: Digital Processes course. If you leave this on, we could handle that through substitution, as we have not yet legislated that.

Hope this helps,
Jamie

From: Denise Bertoncino <dbertoncino@pittstate.edu>

Sent: Friday, September 22, 2023 2:28 PM

To: James Oliver JR <joliver@pittstate.edu>

Subject: Support courses

Jamie,

I have attached a preliminary program guide based on changes that will be made with the new general education guidelines. From our conversation this summer, I have added a list of 6 Art courses that the interior design students can select from for the 6 hours of Art support courses that they will be required to complete. On this example program guide, they are listed as an emphasis because that is how we had construction and graphics listed. I will check into what the title should actually be and make corrections. Please let me know if you see any issues with the list. Several on the list are taught every semester, so students should be able to work them into their course sequence for interior design.

Thanks,
Denise

Denise Bertoncino
Program Coordinator
Interior Design

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024



Submission Date: 11/2/2023

Department: School of Construction

College: Technology



Contact Person: Denise Bertoncino

Faculty



Revision



Minor



If Emphasis, enter name of the Major:

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

The interior design program would like to change the minor to reflect more options for students to choose from to focus their minor in relationship to their major and future goals in the professional field.

2. Rationale for change, including changes to curriculum objectives:

Making these changes/additions will not affect the curriculum objectives. It will open more opportunities for the students minor to fit with how they would like to apply it with their major upon graduation. An example would be if a student wanted to practice interior design merchandising upon graduation, it would be beneficial for them to select textiles and materials and resources over construction graphics.

3. Will this change affect any education majors? No



If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***

This will not affect any other areas or programs at PSU.

5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***

No. This revision has no relationship to any other degree program.

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? Yes
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? No
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
There are no costs.
10. Describe the program assessment plan (for new programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =
 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

CURRICULUM REVISIONS

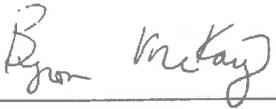
	Existing	Proposed
Title:	Interior Design Minor	
Curriculum: (Do not include GenEd)	<p>Total - 21 hours for Minor in Interior Design</p> <p>IND-110 Interior Design Fundamentals (3 hours)</p> <p>IND-120 Interior Design Studio Fundamentals (3 hours)</p> <p>IND-312 History of Design I (3 hours) or</p> <p>IND-313 History of Design II (3 hours)</p> <p>IND-315 Interior Design: Studio I (3 hours)</p> <p>IND-323 Interior Design Materials and Resources (3 hours)</p> <p>IND-356 Textiles (3 hours)</p> <p>CMCET-133 Construction Graphics (3 hours)</p>	<p>Total - 21 hours for Minor in Interior Design</p> <p>Required courses:</p> <p>IND 110 Interior Design Fundamentals (3 hours)</p> <p>IND 120 Interior Design Studio Fundamentals (3 hours) (Prerequisite of CMCET 133 waived for the minor)</p> <p>IND 312 History of Design I (3 hours) or</p> <p>IND 313 History of Design II (3 hours)</p> <p>12 hours to be selected from the list below:</p> <p>IND 312 History of Design I (3 hours) or</p> <p>IND 313 History of Design II (3 hours) (dependent on the course taken above to meet the requirement)</p> <p>IND 315 Interior Design: Studio I (3 hours)</p> <p>IND 316 Space Planning & Programming (3 hours)</p> <p>IND 323 Interior Design Materials and Resources (3 hours)</p> <p>IND 356 Textiles (3 hours)</p> <p>IND 411 Professional Practice for Interior Design (3 hours)</p> <p>IND 425 Green Building Principles and Practices (3 hours)</p> <p>CMCET 133 Construction Graphics (3 hours)</p> <p>CMCET 332 Residential Design (3 hours)</p>

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date: 11/10/23

Department: School of Construction

College: Technology

Contact Person: Christopher Pross

Faculty

Revision Major

If Emphasis, enter name of the Major:

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:
Modifying major to include the new changes with KBOR General Education requirements.
Adding 2 credit hours to the Core Technical Specialties to balance to 120 credits.

2. Rationale for change, including changes to curriculum objectives:
Modifying major to include the new changes with KBOR General education requirements and core align better with industry needs and academic schedules.

3. Will this change affect any education majors? No
If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? *Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No

5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? *Whether a "yes" or "no" response, please provide an explanation.*
No

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
All classes are already in the curriculum so no additional resources are needed.
10. Describe the program assessment plan (for **new** programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =

 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **No**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **No**

CURRICULUM REVISIONS

	Existing	Proposed
Title:	BS Construction Engineering Technology	BS Construction Engineering Technology
Curriculum: (Do not include GenEd)	<p>Core</p> <p>Technical Specialties (63 hours) See Notes*1</p> <p>__ CMCET-133 Construction Graphics (3 hours) __ CMCET-234 The Construction Industry (3 hours) __ CMCET-235 Methods of Construction-Light Frame and Finishes (2 hours) __ CMCET-330 Mechanical Systems (HVAC) (3 hours) __ CMCET-331 Electrical Systems (3 hours) __ CMCET-334 Methods of Construction-Sitework and Steel (3 hours) __ CMCET-335 Methods of Construction-Concrete and Masonry (3 hours) __ CMCET-337 Construction Materials Testing and Inspection (2 hours) __ CMCET-350 Mechanical Systems (Plumbing) (2 hours) __ CMCET-431 Construction Structural Loads and Strength of Materials (2 hours) __ CMCET-434 Civil Construction (3 hours) __ CMCET-530 Construction Cost Management (3 hours) __ CMCET-536 Temporary Structures (2 hours) __ CMCET-537 Construction Surveying I (3 hours) __ CMCET-631 Construction Estimating I (3 hours) __ CMCET-632 Steel Structures (3 hours) __ CMCET-633 Concrete Structures (3 hours) __ CMCET-634 Construction Management (3 hours) __ CMCET-635 Contract Administration (3 hours) __ CMCET-637 Construction Surveying II (3 hours) __ CMCET-638 Foundation and Soil Mechanics (3 hours) __ CMCET-639 Construction Estimating II (2 hours) __ CMCET-691 Senior Project (3 hours)</p> <p>Notes *1: A grade of "C" or better is required for credit toward graduation and to satisfy pre-requisite requirements in all CMCET courses, MATH 122 Plane Trigonometry (or equivalent).</p>	<p>Core</p> <p>Technical Specialties (65 hours) See Notes*1</p> <p>__ CMCET-133 Construction Graphics (3 hours) __ CMCET-234 The Construction Industry (3 hours) __ CMCET-235 Methods of Construction-Light Frame and Finishes (2 hours) __ CMCET-330 Mechanical Systems (HVAC) (3 hours) __ CMCET-331 Electrical Systems (3 hours) __ CMCET-334 Methods of Construction-Sitework and Steel (3 hours) __ CMCET-335 Methods of Construction-Concrete and Masonry (3 hours) __ CMCET-337 Construction Materials Testing and Inspection (2 hours) __ CMCET-350 Mechanical Systems (Plumbing) (2 hours) __ CMCET-431 Construction Structural Loads and Strength of Materials (2 hours) __ CMCET-434 Civil Construction (3 hours) __ CMCET-530 Construction Cost Management (3 hours) __ CMCET-536 Temporary Structures (2 hours) __ CMCET-537 Construction Surveying I (3 hours) __ CMCET-631 Construction Estimating I (3 hours) __ CMCET-632 Steel Structures (3 hours) __ CMCET-633 Concrete Structures (3 hours) __ CMCET-634 Construction Management (3 hours) __ CMCET-635 Contract Administration (3 hours) __ CMCET-637 Construction Surveying II (3 hours) __ CMCET-638 Foundation and Soil Mechanics (3 hours) __ CMCET-639 Construction Estimating II (3 hours) __ CMCET-691 Senior Project (4 hours)</p> <p>Notes *1: A grade of "C" or better is required for credit toward graduation and to satisfy pre-requisite requirements in all CMCET courses, MATH 122 Plane Trigonometry (or equivalent).</p> <p style="text-align: right; font-size: 2em; font-family: cursive;">Physics</p>

CURRICULUM REVISIONS

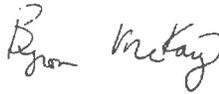
	Existing	Proposed
<p>Title:</p> <p>Curriculum: (Do not include GenEd)</p>	<p>BS Construction Engineering Technology</p> <p>Support Courses (15 hours)</p> <p>See Notes*2</p> <p>__ MATH-122 Plane Trigonometry (3 hours)</p> <p>__ MATH-143 Elementary Statistics (3 hours)</p> <p>__ MATH-150 Calculus I (5 hours)</p> <p>__ PHYS-220 Engineering Mechanics I - Statics (3 hours)</p> <p>or __ MECET-220 Statics (3 hours)</p> <p>__ EST-296 Introduction to Construction Safety (3 hours)</p> <p>__ CMCET-200 Construction Internship/Cooperative Education (1-6 hours)</p> <p>or __ CMCET-300 Construction Internship/Cooperative Education (1-6 hours)</p> <p>or __ CMCET-400 Construction Internship/Cooperative Education (1-6 hours)</p> <p>Notes *2: CMCET 200, 300 or 400 should be taken for at least 1 hour. Mathematics classes below MATH 122 Plane Trigonometry do not count towards degree requirements. Total hours for Bachelor of Science Degree with a Major in Construction Engineering Technology (120 hours).</p>	<p>BS Construction Engineering Technology</p> <p>Support Courses (21 hours)</p> <p>See Notes*2</p> <p>__ MATH-122 Plane Trigonometry (3 hours)</p> <p>__ MATH-143 Elementary Statistics (3 hours)</p> <p>__ MATH-150 Calculus I (5 hours)</p> <p>__ PHYS-100 College Physics I (4 hours) and __ PHYS-130 Elementary Physics Lab I (1 hours)</p> <p>__ CMCET 333 – Construction Statics and Structures (3 hours)</p> <p>or __ PHYS-220 Engineering Mechanics I - Statics (3 hours)</p> <p>or __ MECET-220 Statics (3 hours)</p> <p>__ EST-296 Introduction to Construction Safety (3 hours)</p> <p>__ CMCET-200 Construction Internship/Cooperative Education (1-6 hours)</p> <p>or __ CMCET-300 Construction Internship/Cooperative Education (1-6 hours)</p> <p>or __ CMCET-400 Construction Internship/Cooperative Education (1-6 hours)</p> <p>__ CMCET 401 Investigations In Technology (1 hours)</p> <p>Or Department Approved Elective</p> <p>Notes *2: CMCET 200, 300 or 400 should be taken for at least 1 hour. Mathematics classes below MATH 122 Plane Trigonometry do not count towards degree requirements. Total hours for Bachelor of Science Degree with a Major in Construction Engineering Technology (120 hours).</p>

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date: 11/10/23

Department: School of Construction

College: Technology

Contact Person: Shannon Nicklaus

Faculty

Revision Major

If Emphasis, enter name of the Major: Major as well as all emphasis within the degree options

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:
Modifying major to include the new changes with KBOR General Education requirements. Adding 1 emphasis area and modifying all other emphasis areas to align more with industry needs and assist in adjusting course loads allowing higher enrollment in individual CMCET courses. Adding 6 hours of construction electives so students can tailor degree with
2. Rationale for change, including changes to curriculum objectives:
Modifying major to include the new changes with KBOR General Education requirements and making emphasis's align better with industry needs and academic schedules.
3. Will this change affect any education majors? No
If "yes," this request will need to have the approval of the Council for Teacher Education.
4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***
No
5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***
No

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **Select One**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
None
10. Describe the program assessment plan (for **new** programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =

 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **No**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **No**

CURRICULUM REVISIONS

	Existing	Proposed
Title:	BST Construction Management	BST Construction Management
<p>Curriculum: (Do not include GenEd)</p>	<p>(Continued) Support Courses (14 hours) See notes *2 CMCET-200 Construction Internship/Cooperative Education (1-6 hours) or CMCET-300 Construction Internship/Cooperative Education (1-6 hours) or CMCET-400 Construction Internship/Cooperative Education (1-6 hours) MATH-122 Plane Trigonometry (3 hours) ENGL-301 Technical/Professional Writing (3 hours) EST-296 Introduction to Construction Safety (3 hours) CMCET-401 Investigations in Technology () (1-4 hours) or CMCET-795 Special Topics in CMCET () (1-3 hours) EST-496 Construction Safety (2 hours) and EST-497 Construction Safety Laboratory (1 hour) Notes *2: Minimum of one hour of CMCET 200, 300, & 400 required.</p> <p>Select one 12 hour Emphases from below: Building Information Modeling (BIM) Emphasis CMCET-340 Building Information Modeling (BIM) (3 hours) CMCET-640 BIM Management (3 hours) CMCET-650 Civil Virtual Design and Construction (3 hours) CMCET-795 Special Topics in CMCET () (1-3 hours)</p> <p>Civil Construction Emphasis CMCET-637 Construction Surveying II (3 hours) CMCET-650 Civil Virtual Design and Construction (3 hours) CMCET-651 Heavy/Highway/Bridge Construction (3 hours) CMCET-652 Utility Construction (3 hours)</p>	<p>Select one 12 Hour Emphases from below:</p> <p>General Construction Emphasis 12 Hours from: CMCET-340 BIM/VDC (3 hours) CMCET-332 Residential Design & Management (3 hours) CMCET-336 Residential Land Development (3 hours) CMCET-338 Construction Codes and Inspection (3 hours) CMCET-606 Construction Supervision and Leadership (3 hours) CMCET-637 Construction Surveying II (3 hours) CMCET-640 BIM/VDC Management CMCET-651 Civil Construction II (Highway/Bridge/Utility) (3 hours)</p> <p>Building Information Modeling (BIM) Emphasis CMCET-340 BIM/VDC (3 hours) CMCET-640 BIM/VDC Management CMCET-606 Construction Supervision and Leadership (3 hours) CMCET-795 Special Topics in CMCET – Laser Scanning or substitute (3 hours)</p> <p>Civil Construction Emphasis CMCET-340 BIM/VDC (3 hours) CMCET-637 Construction Surveying II (3 hours) CMCET-651 Civil Construction II (Highway/Bridge/Utility) (3 hours) CMCET-606 Construction Supervision and Leadership (3 hours)</p> <p>Business Management Emphasis ACCT-201 Financial Accounting (3 hours) MKTG-201 Fundamentals of Marketing (3 hours) MGT-201 Introduction to Management (3 hours) MGT-430 Legal and Social Environment of Business (3 hours)</p> <p>Field Management Emphasis MFGET-162 Welding Processes and Procedures (3 hours) CMCET-338 Construction Codes and Inspection (3 hours) CMCET 606 Construction Supervision and Leadership (3 hours) CMCET-637 Construction Surveying II (3 hours)</p>

CURRICULUM REVISIONS

	Existing	Proposed
Title:	BST Construction Management	BST Construction Management
Curriculum: (Do not include GenEd)	<p>Core Technical Specialties (53 hours) See notes *1 CMCET-133 Construction Graphics (3 hours) CMCET-234 The Construction Industry (3 hours) CMCET-235 Methods of Construction Light Frame-Finishes (2 hours) CMCET-330 Mechanical Systems (HVAC) (3 hours) CMCET-331 Electrical Systems (3 hours) CMCET-333 Construction Statics & Structures (3 hours) CMCET-334 Methods of Construction-Sitework and Steel (3 hours) CMCET-335 Methods of Construction-Concrete and Masonry CMCET-337 Construction Materials Testing and Inspection CMCET-350 Mechanical Systems (Plumbing) (2 hours) CMCET-410 Technical Construction Spanish for the Jobsite Supervisor (3 hours) CMCET-434 Civil Construction (3 hours) CMCET-530 Construction Cost Management (3 hours) CMCET-537 Construction Surveying I (3 hours) CMCET-631 Construction Estimating I (3 hours) CMCET-634 Construction Management (3 hours) CMCET-635 Contract Administration (3 hours) CMCET-639 Construction Estimating II (2 hours) CMCET-691 Senior Project (3 hours) Notes *1: A grade of "C" or better is required for credit toward graduation and to satisfy pre-requisite requirements in all CMCET courses, MATH 113 College Algebra (or equivalent), MATH 122 Plane Trigonometry (or equivalent).</p>	<p>Core Technical Specialties(55 hours) CMCET-133 Construction Graphics (3 hours) CMCET -234 The Construction Industry (3 hours) CMCET-235 Methods of Construction Light Frame-Finishes (2 hours) CMCET-330 Mechanical Systems (HVAC) (3 hours) CMCET- 331 Electrical Systems (3 hours) CMCET- 333 Theory of Structures (3 hours)✓ CMCET- 334 Methods of Construction -Sitework and Steel (3 hours) CMCET-335 Methods of Construction- Concrete and Masonry (3 hours) CMCET-337 Construction Materials Testing and Inspection (2 hours) CMCET-350 Mechanical Systems (Plumbing)(2 hours) CMCET-410 Technical Construction Spanish for the Jobsite Supervisor (3 hours) CMCET-434 Civil Construction (3 hours) CMCET-530 Construction Cost Management (3 hours) CMCET-537 Construction Surveying I (3 hours) CMCET- 631 Construction Estimating I (3 hours) CMCET-634 Construction Management (3 hours) CMCET-635 Contract Administration (3 hours) CMCET-639 Construction Estimating II (3 hours) CMCET-691 Senior Projects (4 hours)</p> <p>Notes *1: A grade of "C" or better is required for credit towards graduation and to satisfy pre-requisite requirements in all CMCET/ MFGET/EST courses,- MATH 113 College Algebra (or equivalent), MATH 122 Plane Trigonometry (or equivalent).</p> <p>Support Courses (19 hours) See Notes*2 CMCET-200, 300 or 400 Construction Internship/Cooperative Education (1-6 hours) MATH-122 Plane Trigonometry (3 hours) OR (MATH 113 College Algebra (3 hours) *General Education Requirement) ENGL-301 Technical/Professional Writing (3 hours) EST-296 Introduction to Construction Safety (3 hours) EST-496 Construction Safety (2 hours) AND EST 497 Construction Safety Laboratory (1 hour) (6) Hours of Construction electives (Refer to approved electives list) Notes *2: Minimum of one hour of CMCET 200, 300 or 400 Required.</p>

CURRICULUM REVISIONS

	Existing	Proposed
Title:	BST Construction Management	BST Construction Management
<p>Curriculum: (Do not include GenEd)</p>	<p>(Continued) Company Management Emphasis ACCTG-201 Financial Accounting (3 hours) MKTG-201 Fundamentals of Marketing (3 hours) MGT-201 Introduction to Management (3 hours) MGT-430 Legal and Social Environment of Business (3 hours)</p> <p>Field Management Emphasis MFGET-162 Welding Processes and Procedures (3 hours) TM-606 Industrial Supervision (3 hours) CMCET-637 Construction Surveying II (3 hours) Notes *3: Plus 3 hours of an approved Leadership course. LDSP-600 Foundations of Leadership (3 hours) TM-520 Leadership in the Workplace (3 hours) MIL-300 Advanced Military Science III (3 hours)</p> <p>Residential Construction Emphasis CMCET-332 Residential Design (3 hours) CMCET-336 Residential Land Development (3 hours) CMCET-338 Residential Codes/ Inspection (3 hours) CMCET-435 Residential Construction Methods and Management (3 hours) Safety Management Emphasis EST-512 Risk Assessment (3 hours) EST-630 Safety Management (3 hours) Select 6 hours from: EST-204 Introduction to Fire Safety (3 hours) EST-326 Basic Electrical Safety (3 hours) EST-514 Industrial Hygiene (3 hours) EST-516 Hazardous Materials (3 hours) EST-629 Legal Issues in Environmental Health and Safety (3 hours)</p>	<p>Residential Construction Emphasis CMCET-332 Residential Design & Management (3 hours) CMCET-336 Residential Land Development (3 hours) CMCET-338 Construction Codes and Inspection (3 hours) CMCET 606 Construction Supervision and Leadership (3 hours)</p> <p>Safety Management Emphasis EST-512 Risk Assessment (3 hours) EST-630 Safety Management (3 hours)</p> <p>Select 6 hours from: EST-204 Introduction to Fire Safety (3 hours) EST-326 Basic Electrical Safety (3 hours) EST-514 Industrial Hygiene (3 hours) EST-516 Hazardous Materials (3 hours) EST-629 Legal Issues in Environmental Health and Safety (3 hours)</p> <p>Construction Electives *6 Hours from the following courses *Note 3 cannot be taken as an elective AND as part of emphasis CMCET-340 BIM/VDC (3 hours) CMCET-332 Residential Design & Management (3 hours) CMCET-336 Residential Land Development (3 hours) CMCET-338 Construction Codes and Inspection (3 hours) CMCET-606 Construction Supervision and Leadership (3 hours) CMCET-632 Steel Structures (3 hours) CMCET-633 Concrete Structures (3 hours) CMCET-637 Construction Surveying II (3 hours) CMCET-638 Foundation & Soil Mechanics (3 hours) CMCET-640 BIM/VDC Management CMCET-651 Civil Construction II (Highway/Bridge/Utility) (3 hours) CMCET-795 Special Topics in CMCET EST-512 Risk Assessment (3 hours) EST-630 Safety Management (3 hours) EST-204 Introduction to Fire Safety (3 hours) EST-326 Basic Electrical Safety (3 hours) EST-514 Industrial Hygiene (3 hours) EST-516 Hazardous Materials (3 hours) EST-629 Legal Issues in Environmental Health and Safety (3 hours) MFGET-162 Welding Processes and Procedures (3 hours) * Note 3 Construction Electives cannot be taken for credit in the Emphasis area and elective area.</p>

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/2023 Signature, Committee Chair: 

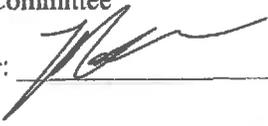
-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date: 11/1/23

Department: School of Construction

College: Technology

Contact Person: Brian Welch

Faculty

Deletion Emphasis

If Emphasis, enter name of the Major: Environmental and Safety Management

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

Dropping the Fire Safety emphasis from the Environmental and Safety Management degree.

2. Rationale for change, including changes to curriculum objectives:

This emphasis area has historically low to no enrollment. The original idea behind this emphasis was to support possible 2+2 with regional Junior Colleges with fire fighting programs. This can be accomplished with the current BAS in the College of Technology.

3. Will this change affect any education majors? No

If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Deletion** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***

No, moving the emphasis courses to a support areas within the overall Environmental and Safety Management program.

5. Is this **Deletion** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***

No.

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Select One**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **Select One**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?

10. Describe the program assessment plan (for **new** programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =

 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

CURRICULUM REVISIONS

	Existing	Proposed
Title:		
Curriculum: (Do not include GenEd)		

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/1/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/23 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/23 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date: 11/1/23

Department: School of Construction

College: Technology

Contact Person: Brian Welch

Faculty

Deletion Emphasis

If Emphasis, enter name of the Major: Environmental and Safety Management

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

Dropping the Human Resources emphasis from the Environmental and Safety Management degree.

2. Rationale for change, including changes to curriculum objectives:

This emphasis area has historically low to no enrollment. The courses are being moved to other areas within the degree program.

3. Will this change affect any education majors? No

If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Deletion** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? *Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*

No, moving the emphasis courses to a support area within the overall Environmental and Safety Management program.

5. Is this **Deletion** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? *Whether a "yes" or "no" response, please provide an explanation.*

No. All courses are held through Pittsburg State.

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Select One**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **Select One**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
10. Describe the program assessment plan (for **new** programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =
 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

CURRICULUM REVISIONS

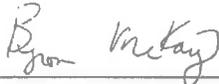
	Existing	Proposed
Title:		
Curriculum: (Do not include GenEd)		

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/1/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/23 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/23 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date: 11/16/23

Department: School of Construction

College: Technology

Contact Person: Brian Welch

Faculty

Revision **Minor**

If Emphasis, enter name of the Major:

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

The Safety Management minor currently lists classes that are no longer offered. EST -604 Occupational Health and Safety is no longer offered. EST-603 Industrial Safety has been replaced/renumbered with EST-403 Industrial Safety.

2. Rationale for change, including changes to curriculum objectives:

To better facilitate the advisement process of student seeking the Safety Management Minor.

3. Will this change affect any education majors? No

If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***

Yes, The minor is available for any student to take.

5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***

No

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
No
10. Describe the program assessment plan (for new programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =
 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

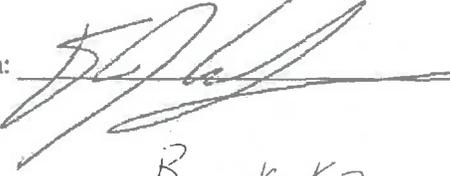
1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

CURRICULUM REVISIONS

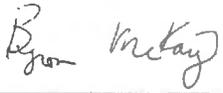
	Existing	Proposed
Title:	Safety, Health and Environmental Management Minor	Safety Management Minor
Curriculum: (Do not include GenEd)	<p>Select 15 hours from:</p> <ul style="list-style-type: none"> <input type="checkbox"/> EST-512 Risk Assessment (3 hrs) <input type="checkbox"/> EST-514 Industrial Hygiene (3 hrs) <input type="checkbox"/> EST-516 Hazardous Materials (3 hrs) <input type="checkbox"/> EST-604 Occupational Health and Safety (3 hrs) <input type="checkbox"/> EST-621 Ergonomics/Human Factors (3 hrs) <input type="checkbox"/> EST-629 Legal Issues in Environmental Health and Safety (3 hrs) <input type="checkbox"/> EST-630 Safety Management (3 hrs) Choose between General Industry or Construction Emphasis General Industry Emphasis <input type="checkbox"/> EST-293 Introduction to Industrial Safety (3 hrs) <input type="checkbox"/> EST-603 Industrial Safety (3 hrs) Construction Emphasis <input type="checkbox"/> EST-296 Introduction to Construction Safety (3 hrs) <input type="checkbox"/> EST-496 Construction Safety (2 hrs) and <input type="checkbox"/> EST-497 Construction Safety Laboratory (1 hr) 	<p>Select 15 hours from:</p> <ul style="list-style-type: none"> <input type="checkbox"/> EST-512 Risk Assessment (3 hrs) <input type="checkbox"/> EST-514 Industrial Hygiene (3 hrs) <input type="checkbox"/> EST-516 Hazardous Materials (3 hrs) <input type="checkbox"/> EST-621 Ergonomics/Human Factors (3 hrs) <input type="checkbox"/> EST-629 Legal Issues in Environmental Health and Safety (3 hrs) <input type="checkbox"/> EST-630 Safety Management (3 hrs) Choose between General Industry or Construction Emphasis General Industry Emphasis <input type="checkbox"/> EST-293 Introduction to Industrial Safety (3 hrs) <input type="checkbox"/> EST-403 Industrial Safety (3 hrs) Construction Emphasis <input type="checkbox"/> EST-296 Introduction to Construction Safety (3 hrs) <input type="checkbox"/> EST-496 Construction Safety (2 hrs) and <input type="checkbox"/> EST-497 Construction Safety Laboratory (1 hr)

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/16/23 Signature, Chairperson: 

-Approved: College Curriculum Committee

Date: 12/01/23 Signature, Committee Chair: 

-Approved: Dean of College

Date: 12/05/2023 Signature, Dean: 

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 01-19-2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/31/23
Department: Teaching and Leadership College of: Education
Contact Person: Cherona Hicklin Chair
Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with state standards and meet the current needs of students.

2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.

3. Will this course be required of any education majors? Yes
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.

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

5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: Cherise Tucker

-Approved: College Curriculum Committee

Date: 12/5/23 Signature, Committee Chair: J. Trumble

-Approved: Dean of College

Date: 12/5/23 Signature, Dean: J. Trumble

-Approved: Council for Teacher Education (if applicable)

Date: 2/7/24 Signature, Council Chair: J. Trumble

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: [Signature]

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____



7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Effective Classroom Management	Effective Classroom Management
Course Number:	EDUC 368	EDUC 368
Credits:	2	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Admission to Teacher Education	Admission to teacher education
Course Description	Proactive classroom management concepts, strategies, and skills with management plan developed. Focus on handling problems when they occur and on strategies to decrease likelihood of repetition of classroom problems. Skills reviewed and applied in whole class settings during professional semester.	This course introduces candidates to factors that influence learning environments in inclusive settings. Content includes strategies that focus on learning environments, procedures to help in the general running of a classroom, building positive relationships with students and families, collaboration skills with stakeholders and other dynamics of effective classroom management. Students will develop a comprehensive and proactive classroom management plan using effective research-based strategies.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/31/23
Department: Teaching and Leadership College of: Education
Contact Person: Cherona Hicklin Chair
Course: Revision

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with state standards and meet the current needs of students.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.
3. Will this course be required of any education majors? **Yes**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: Cherone Hupel

-Approved: College Curriculum Committee

Date: 12/5/23 Signature, Committee Chair: J. Trumble

-Approved: Dean of College

Date: 12/5/23 Signature, Dean: J. Trumble

-Approved: Council for Teacher Education (if applicable)

Date: 2/7/24 Signature, Council Chair: J. Trumble

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: [Signature]

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____



7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Intermediate ELA with Practicum	Science of Reading II
Course Number:	EDUC 367	EDUC 367
Credits:	4	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Admission to Teacher Education; EDUC 366 Primary Reading and Language Arts with Practicum with grade of "C" or higher.	Admission to teacher education and EDUC 366 Foundations of English Language Arts with grade of "C" or higher.
Course Description	The foundation of literacy instruction for grades 3 through 6. Includes the areas of reading, writing, speaking, listening, viewing, visually representing, handwriting, grammar and spelling. Provides hands-on teaching experiences at intermediate grade level through supervised, on-site practicum.	This is a methods course for teaching language arts to elementary-age children in the areas of reading, writing, speaking, listening, and language. In this course candidates will learn strategies to strengthen students' ability to read advanced texts as well as the use of reading and writing to learn content across the curriculum in inclusive settings. Candidates will examine a variety of instructional approaches, including integrating literature into content learning and building comprehension and vocabulary through integrated experiences. Instructional emphasis is placed upon assessment, active construction of meaning, and matching learner capabilities with appropriate instructional strategies.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/31/23
Department: Teaching and Leadership College of: Education
Contact Person: Cherona Hicklin Chair
Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

-
1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with new state standards, increase focus on science of reading and the five pillars of literacy, and meet the current needs of students.

 2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.

 3. Will this course be required of any education majors? Yes
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.

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

 5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/19/23 Signature, Chairperson: Cherone Hicklin

-Approved: College Curriculum Committee

Date: 12/5/23 Signature, Committee Chair: J. Trumble

-Approved: Dean of College

Date: 12/5/23 Signature, Dean: J. Trumble

-Approved: Council for Teacher Education (if applicable)

Date: 2/7/24 Signature, Council Chair: J. Trumble

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: [Signature]

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____



7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Primary English Language Arts with Practicum	Science of Reading I
Course Number:	EDUC 366	EDUC 366
Credits:	4	4
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Prerequisites for Elementary Education K-6: EDUC 261 Explorations in Education and EDUC 252 Children's Literature or concurrent enrollment and completion of basic skills requirement. Prerequisites for ECU: Admission to Teacher Education and EDUC 261 Explorations in Education. EDUC 323 Literature for Young Children Birth -3rd is a prerequisite or concurrent enrollment.	Prerequisites for Elementary Education and Elementary Education Unified majors: EDUC 261 Explorations in Education, EDUC 252 Children's Literature, and completion of basic skills requirement. Prerequisites for Early Childhood Unified majors: Admission to teacher education and EDUC 323 Literature for Young Children Birth -3rd or concurrent enrollment.
Course Description	The course provides a foundation of literacy instruction for birth through grade three in the areas of reading, writing, speaking, listening, viewing, handwriting, grammar, and spelling. The course is designed to prepare the teacher candidate to effectively organize a primary language arts program and assess, plan, teach, and monitor student progress. Additionally, this course provides hands-on teaching experiences at primary grades through a supervised, on-site practicum.	This course focuses on methods of literacy instruction for early childhood and elementary-aged children in the areas of reading, writing, speaking, listening and language. Emphasis is placed on phonological and orthographic instructional strategies to support readers and writers across the five pillars of reading: phonemic awareness, phonics, vocabulary, fluency, and comprehension. Students will investigate the role of the teacher in the development of language processes in inclusive settings. This course includes a strong emphasis on the role of assessment in the teaching and learning process to inform planning, teaching, and assessing language arts learning experiences that engage all learners. Additionally, this course provides hands-on teaching experiences at primary grades through a supervised, on-site practicum.

Faculty Senate Course Form

Effective Date: Fall

2024

Submission Date: 10/31/23

Department: Teaching and Leadership

College of: Education

Contact Person: Cherona Hicklin

Chair

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with new state standards, increase focus on science of reading and the five pillars of literacy, and meet the current needs of students.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.
3. Will this course be required of any education majors? **Yes**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: Cherone Yuckler

-Approved: College Curriculum Committee

Date: 12/5/23 Signature, Committee Chair: J. Truone

-Approved: Dean of College

Date: 12/5/23 Signature, Dean: J. Truone

-Approved: Council for Teacher Education (if applicable)

Date: 2/7/24 Signature, Council Chair: J. Truone

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: [Signature]

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____



7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Elementary School Social Studies	Elementary School Social Studies
Course Number:	EDUC 363	EDUC 363
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	EDUC 261 Explorations in Education with a grade of C or better and completion of the Basic Skills Requirement.	EDUC 261 Explorations in Education with a grade of C or better and completion of the basic skills requirement.
Course Description	The course encompasses objectives, methods, and materials, for teaching social studies to elementary students based on the Kansas State Department of Education (KSDE) Social studies Standards and the major constructs of the social science disciplines. Emphasizes learning preparation, instructional strategies for teaching social studies, multi-cultural education, integration across the curriculum, integration of technology, and assessment of student learning.	This course focuses on teaching social studies to elementary students. Built on the National Council for Social Studies Themes, and the Kansas History, Government and Social Studies Standards, the focus will be on an interdisciplinary and thematic approach to teaching, rooted in inquiry and inclusive models.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/31/23

Department: Teaching and Leadership College of: Education

Contact Person: Cherona Hicklin Chair

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

-
1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with state standards and meet the current needs of students.

 2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.

 3. Will this course be required of any education majors? Yes
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.

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

 5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: Cherone Hicklin

-Approved: College Curriculum Committee

Date: 12/5/23 Signature, Committee Chair: J. Trumble

-Approved: Dean of College

Date: 12/5/23 Signature, Dean: J. Trumble

-Approved: Council for Teacher Education (if applicable)

Date: 2/7/24 Signature, Council Chair: J. Trumble

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: [Signature]

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____



7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
 If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Elementary School Science	Elementary School Science
Course Number:	EDUC 362	EDUC 362
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	Must have completed 60 hours including eight hours in science, EDUC 261 Explorations in Education or ACT score of 22 or higher on Basic Skills Test. Corequisite: EDUC 359 Elementary School Math Primary.	Admission to teacher education and completion of eight hours of science.
Course Description	The content, methods and materials for teaching science in the elementary school. Emphasizes hands-on science teaching and effective instructional strategies.	This course studies the content and organization of science in the elementary school and the methods of teaching science. The course prepares teacher candidates to effectively communicate, demonstrate, and teach inquiry concepts across the science disciplines in inclusive settings.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/31/23
Department: Teaching and Leadership College of: Education
Contact Person: Cherona Hicklin Chair
Course: Revision

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with state standards and meet the current needs of students.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.
3. Will this course be required of any education majors? **Yes**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/9/23 Signature, Chairperson: Cherone Hicklin

-Approved: College Curriculum Committee

Date: 12/5/23 Signature, Committee Chair: J. Timber

-Approved: Dean of College

Date: 12/5/23 Signature, Dean: J. Timber

-Approved: Council for Teacher Education (if applicable)

Date: 2/7/24 Signature, Council Chair: J. Timber

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: [Signature]

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____



7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
 If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Elementary School Mathematics Primar	Elementary School Mathematics
Course Number:	EDUC 359	EDUC 359
Credits:	2	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):	MATH 204 Mathematics for Education I, EDUC 261 Explorations in Education, and MATH 304 Mathematics for Education II. ACT score of 22 or higher or passing score on a Basic Skills Test. Corequisite: EDUC 362 Elementary School Science.	EDUC 261 Explorations in Education with a C or better, MATH 304 Mathematics for Education II, and completion of basic skills requirement.
Course Description	The content and organization of mathematics in the primary grades in elementary school and the methods of teaching mathematics. Emphasizes effective instructional strategies for the primary grades.	This course focuses on the study of the content and organization of mathematics in the elementary school along with the procedures and reasoning processes of mathematics. This course prepares teacher candidates to effectively communicate, demonstrate, and teach inquiry concepts across the various mathematics disciplines in inclusive settings.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/31/23
Department: Teaching and Leadership College of: Education
Contact Person: Cherona Hicklin Chair
Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with state standards and meet the current needs of students.

2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.

3. Will this course be required of any education majors? Yes
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.

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

5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 11/19/23 Signature, Chairperson: Cherone Yucklin

-Approved: College Curriculum Committee

Date: 12/5/23 Signature, Committee Chair: J. Trumble

-Approved: Dean of College

Date: 12/5/23 Signature, Dean: J. Trumble

-Approved: Council for Teacher Education (if applicable)

Date: 2/7/24 Signature, Council Chair: J. Trumble

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: [Signature]

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:	Methods in Creative Expression	Methods in Creative Experiences
Course Number:	EDUC 321	EDUC 321
Credits:	3	3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		
Course Description	Course explores the role of creative expression including visual arts, music and movement, and creative drama in development of young children. Course addresses design, implementation, and evaluation of arts experiences developmentally appropriate for children in Pre-K through 3rd grade.	This course explores the role of creative expression including visual arts, music, movement, and creative drama in the development of children. Course addresses design, implementation, and evaluation of arts experiences that are developmentally appropriate for elementary inclusive settings.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date: 10/31/23

Department: Teaching and Leadership College of: Education

Contact Person: Cherona Hicklin Chair

Course: **Revision**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Revision** to Course:
The course is being updated to better align with state standards and meet the current needs of students.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, this course is only required for majors in Teaching and Leadership.
3. Will this course be required of any education majors? Yes
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No

Authorization/Notification Sign-Off Sheet

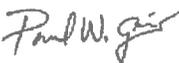
-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 15:00:18 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:44:03 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:54:52 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.03.07 13:42:20 -06'00'

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Some MINORS will need KBOR Approval.

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. (MUST BE ENTERED INTO KBOR PI/CIP SYSTEM AT TIME OF SUBMISSION TO KBOR).

The Provost's Office will notify the department, college and Registrar of the completion of the approval process.

Please Note: This is a 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.

Curriculum

When submitting any new program proposals this academic year for consideration, please incorporate the new Systemwide General Education requirements in the proposal, per KBOR.

**DSIS-130 Computer Information Systems
DSIS-230 Introduction to Programming
DSIS-420 Management Information Systems**

Choose three from the following:

**DSIS-430 Data Analytics: Business Intelligence
DSIS-440 Data Visualization
DSIS-450 Artificial Intelligence
DSIS-650 Data Mining**

6. Is this major related to, and/or affect, any degree program at any other Regent university? **No**
Whether a “yes” or “no” response, please provide an explanation.
No; this change does not affect any other programs at Regent universities.
7. Does the new major meet University catalog definitions as appropriate? *Definitions can be found on the Faculty Senate website.* **Yes**
8. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)? **No** No additional resources would be required.
9. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If “yes,” complete the course fee form on the Provost’s website, it will need to gain approval of the President’s Council.
10. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)? **No**
11. Describe the program assessment plan:
- a. Enrollment targets =
 - b. Outcome expected and process to evaluate =

 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If “yes,” to both questions, it is the department’s responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

Request for New Emphasis/Minor/Certificate

Effective Date: FALL 2024

Department: KUSB

Contact Person: Alex Binder

Proposal for a New: **Minor**

Submission Date:

College of: Business

Chair

This program is to be offered: **In Person**
Definitions can be found on the Faculty Senate website.

Title of Proposed Minor/Emphasis/Certificate:

Data Science

Major: **Data Science and Information Systems**

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for Minor/Emphasis/Certificate:

Data science is a growing field in high demand and Pitt State currently doesn't offer a minor in this area. The new Data Science minor will pair well with many programs, including those outside the school of business. Students with this minor would be prepared for a career in many industries with a need for data science skill sets.

2. 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? *Whether a "yes" or "no" response, please provide an explanation.*

No; this change does not affect any other programs at Regent universities.

3. 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? *Whether a "yes" or "no" response, please provide an explanation. Attach documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.* **No**

No; this change does not affect any other departments at PSU. All courses will be taught by CIS faculty in Kelce College of Business.

4. Will this affect any education majors? **No**

If "yes," this request will need to have the approval of the Council for Teacher Education.

5. Is this major related to, and/or may affect, any other department/college/unit curricula or programs at PSU? *Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.* **No**

No; this change does not affect any other departments at PSU. All courses will be taught by CIS faculty in Kelce College of Business.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:59:22 -05'00'

-Approved: College Curriculum Committee

Date: 11-06-2023 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2023.11.06 16:27:16 -06'00'

-Approved: Dean of College

Date: 11-07-23 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2023.11.07 07:39:14 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 12-01-2023 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2023.12.01 11:22:46 -06'00'

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

CURRICULUM REVISIONS

	Existing	Proposed
Title:	Minor in Computing	Minor in Information Systems
<p>Curriculum: (Do not include GenEd)</p>	<p>CIS-130 Computer Information Systems CIS-230 Introduction to Programming CIS-240 Intermediate Programming CIS-380 Systems Analysis and Design CIS-420 Management Information Systems</p> <p>Notes *1: Plus, 3 hours from a 300-level or higher course.</p>	<p>DSIS-130 Computer Information Systems DSIS-230 Introduction to Programming DSIS-380 Systems Analysis and Design DSIS-420 Management Information Systems DSIS-615 Database Management</p> <p>Notes *1: Plus, 3 hours from a DSIS 300-level or higher course.</p>

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
None.
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
None.
10. Describe the program assessment plan (for new programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =
 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date:

Department: KUSB

College: Business

Contact Person: Alex Binder

Chair

Revision **Minor**

If Emphasis, enter name of the Major:

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

Change existing minor in Computing to minor in Information Systems.

2. Rationale for change, including changes to curriculum objectives:

The current name of the minor, computing, is out-dated. The focus of the curriculum is on data science and information systems. Therefore, the name of the minor should reflect such focus. Students with this minor would be prepared for a career in information systems and would be recognized by future employers.

3. Will this change affect any education majors? No

If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***

No; this change does not affect any other departments at PSU. All courses will be taught by CIS faculty in Kelce College of Business.

5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***

No; this change does not affect any other programs at Regent universities.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:59:22 -05'00'

-Approved: College Curriculum Committee

Date: 11-06-2023 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2023.11.06 16:27:16 -06'00'

-Approved: Dean of College

Date: 11-07-23 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2023.11.07 07:39:14 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 12-01-2023 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2023.12.01 11:22:46 -06'00'

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Departments(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

CURRICULUM REVISIONS

	Existing	Proposed
Title:	Computer Information Systems	Data Science and Information Systems
Curriculum: (Do not include GenEd)	<p>Kelce Core Prerequisites CIS-130 Computer Information Systems ECON-200 Principles of Microeconomics ECON-201 Principles of Macroeconomics</p> <p>Kelce Core ACCTG-201 Financial Accounting ACCTG-202 Managerial Accounting MGT-101 Introduction to Business -or- MGT-105 Introduction to Entrepreneurship MGT-210 Business Professionalism CIS-420 Management Information Systems FIN-326 Business Finance MGT-330 Management and Organizational Behavior MGT-430 Legal and Social Environment of Business MGT-690 Business Strategy MKTG-330 Principles of Marketing MGT-310 Business Statistics MGT-320 Basic Quantitative Methods MGT-420 Quantitative Decision Analysis Notes *1: Plus 3 hours of ECON, 300-level or above</p> <p>Major Requirements CIS-230 Introduction to Programming CIS-240 Intermediate Programming CIS-380 Systems Analysis and Design CIS-430 Data Analytics: Business Intelligence CIS-440 Data Visualization CIS-460 Data Mining CIS-470 Network and Information Security CIS-615 Database Management CIS-640 E-Business Application Development</p> <p>Notes *2: One elective numbered 299 and above required</p>	<p>Kelce Core Prerequisites DSIS-130 Computer Information Systems ECON-200 Principles of Microeconomics ECON-201 Principles of Macroeconomics</p> <p>Kelce Core ACCTG-201 Financial Accounting ACCTG-202 Managerial Accounting BUS-101 Introduction to Business -or- MGT-105 Introduction to Entrepreneurship BUS-210 Business Professionalism DSIS-420 Management Information Systems FIN-326 Business Finance MGT-330 Management and Organizational Behavior MGT-430 Legal and Social Environment of Business MGT-690 Business Strategy MKTG-330 Principles of Marketing QBA-210 Business Statistics QBA-310 Business Analytics I QBA-410 Business Analytics II Notes *1: Plus 3 hours of ECON, 300-level or above</p> <p>Major Requirements DSIS-230 Introduction to Programming DSIS-240 Intermediate Programming DSIS-380 Systems Analysis and Design DSIS-430 Data Analytics: Business Intelligence DSIS-440 Data Visualization DSIS-470 Network and Information Security DSIS-615 Database Management DSIS-650 Data Mining</p> <p>Notes *2: One DSIS elective numbered 299 and above required</p>

6. Does the revision meet University catalog definitions for majors, minors, emphases and certificates as appropriate? **Yes**
7. Are additional resources required (e.g. library/multimedia resources, technology, space, major expense, etc.)?
No
8. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the course fee form on the Provost's website, it will need to gain approval of the President's Council.
9. What additional costs will be required for revising this curriculum (e.g. staffing, equipment, etc.)?
None
10. Describe the program assessment plan (for new programs only):
 - a. Enrollment targets =
 - b. Outcome expected and process to evaluate =

 - c. Plan to abandon if enrollment targets not met =

Questions for certificate only: If you have questions concerning these questions, contact the Financial Aid Office, 4240. If "yes," to both questions, it is the department's responsibility to send a copy of this legislation form to the Director of Admission and Financial Assistance to initiate Department of Education approval.

1. Are students pursuing only this certificate eligible for federal financial assistance based on federal guidelines? **Select One**
2. Does the course content contained within this certificate provide relevance to employment opportunities or meet professional objectives for the student? **Select One**

Faculty Senate Curriculum Change Form

Effective Date: FALL 2024

Submission Date:

Department: KUSB

College: Business

Contact Person: Alex Binder

Chair

Revision Major

If Emphasis, enter name of the Major:

If selection is "Deletion" complete questions 2, 3, 4, & 5, then complete signatures.

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, Please apply the appropriate signatures, and send to your College Admin.

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.

1. Description of Change:

Change the name of the 'Computer Information Systems' major to 'Data Science and Information Systems'.

2. Rationale for change, including changes to curriculum objectives:

The current Computer Information Systems major name does not reflect the contents of the curriculum which are mainly information system oriented. Information systems curriculum across the nation is moving toward data science, and we would like to keep up with the trend so that our students would be competitive in the job market and be successful in the future.

3. Will this change affect any education majors? No

If "yes," this request will need to have the approval of the Council for Teacher Education.

4. Is this **Revision** related to, and/or may affect, any other department/college/unit curricula or programs at PSU? ***Whether a "yes" or "no" response, please provide an explanation or documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.***

Yes, this name change will be accompanied by new course prefixes which will impact the Computer Science program. They will need to update their curriculum to include the replacement DSIS courses.

5. Is this **Revision** related to, and/or affect, any degree program or minor/emphasis/certificate at any other Regent university? ***Whether a "yes" or "no" response, please provide an explanation.***

No; this change does not affect any other programs at Regent universities.



Course Evaluation Methods

Exams: Total exam score 500 includes 100 points for three midterm exams and 200 for the final exam. Exam questions are formulated based on content from textbook reading, discussion sessions, and lecture contents. The front page of a handwritten letter-sized reference sheet is allowed to use during each exam time. All exams are in person.

Make-up exams: No make-up exams will be provided.

Homework: There will be a discussion assignment for each chapter. Discussion assignments should be submitted in Canvas.

Quizzes: There will be a quiz for each chapter up to 10 times during the semester. Quizzes are taken online.

Team Project: Literature Review of Supply Chain Management Topics

Project teams will be formed during the first week of the semester and posted. Each team will write and present a literature review on a selected topic in the Supply Chain Management discipline. Teams should develop their projects according to the appropriate process as indicated in the “Rubric for 550 Team Project” file. 200 points.

Grading System: Your course grade will be determined based on the following:

Midterm Exam 1	100
Midterm Exam 2	100
Midterm Exam 3	100
Final Exam	200
Discussion	100
Quiz	100
Team Project	200
Proposal	20
Report	90
Presentation	90
Attendance	100
<hr/>	
Total Points Possible	1000

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.

Students pledge to:

- Refrain from class disturbances (during the online sessions that includes the office hours).
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the [current Syllabus Supplement](#).



Teaching Methods

This online course consists of reading materials (textbook), class note PPT slides, discussion questions, chapter quizzes, a team project, exam study guides, etc. Students are expected to communicate with the instructor via **Canvas email**. Inquiries through the Canvas email will be responded to within 24 hours.

The team research project is an important part of this class. Each team will analyze, document, and present current business issues. Topics are selected by the team and should be approved during the proposal sessions as scheduled. Details are in “Course Evaluation Methods.”

Canvas

- Class announcements will be distributed through the course Announcements in Canvas. Students are required to check the course announcements regularly.
- Class notes (PPT slides) are saved under the Files/Class Notes folder.
- Chapter discussion questions will be posted under Assignments.
- Online exams will be available during the scheduled periods. Lockdown Browser and Monitor software are required.
- Grades for class activities will be posted in Grades.
- Should you have experienced any technical difficulties with using the Canvas learning management system, support services can be found [here](#) or contact [Gorilla Geeks](#).
- The Canvas Privacy Policy can be found at this [link](#) or at: <https://www.canvaslms.com/policies/privacy>

Class Attendance Policy

Students at Pittsburg State University are expected to attend class regularly and participate fully in class activities. Class attendance will be randomly checked no more than 10 times during the semester. The total score for class attendance will be up to 100 points (10 points x 10 times).

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and



Course Outline

Week	Date	Content	Presentation Schedule
1	01/16 01/18	Introduction	
2	01/23 01/25	Lean Supply Chains (Ch. 14)	
3	01/30 02/01	Logistics and Distribution Management (Ch. 15)	
4	02/06 02/08	Research Proposal	Team 1 – 6 Team 7 – 12
5	02/13 02/15	Global Sourcing and Procurement (Ch. 16)	
6	02/20 02/22	Exam I (Ch. 14, 15, and 16) Exam Review	
7	02/27 02/29	The Internet of Things and ERP (Ch. 17)	Team 1 Team 2
8	03/05 03/07	Forecasting (Ch. 18)	Team 3 Team 4
9	03/12 03/14	Spring Break	No Class
10	03/19 03/21	Sales and Operations Planning (Ch. 19)	Team 5 Team 6
11	03/26 03/28	Exam II (Ch. 17, 18, and 19) Exam Review	
12	04/02 04/04	Inventory Management (Ch. 20)	Team 7 Team 8
13	04/09 04/11	Material Requirements Planning (Ch. 21)	Team 9 Team 10
14	04/16 04/18	Workcenter Scheduling (Ch. 22)	Team 11 Team 12
15	04/23 04/25	Exam III (Ch. 20, 21, and 22) Exam Review	
16	04/30 05/02	Theory of Constraints (Ch. 22S)	
17	05/07	Final Exam	Comprehensive

* This outline should be considered as a general plan only. Changes in this schedule may become necessary. The instructor reserves the right to amend and reorganize this syllabus at any time.



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Supply Chain Management
MGT 550, Section 01
Kelce XXX
T & Th, 8:00 – 9:15 am, Spring 2024

Instructor: Dr. Sang-Heui Lee, Professor of Management
Office: Kelce 201D
Hours: 10:45 – 11:45 am & 1:00 – 3:30 pm, TTH
1:30 – 4:30 pm, W
Phone: 620-235-4597
E-mail: slee@pittstate.edu

Textbook

Operations and Supply Chain Management, 17E by F. Robert Jacobs and Richard B. Chase.



Catalog Course Description

Principles and applications of supply chain management. Topics include new information technologies, strategic alliances, and logistics.

Prerequisites

- MGT 330 Management and Organizational Behavior, MGT 310 Business Statistics, and MGT 420 Quantitative Decision Making. May be taken for honors.
- Discipline knowledge and competencies include college algebra, business statistics, and quantitative decision-making concepts.

Course Objectives / Learning Outcomes

Upon completion of this course, students will have enough basic understanding to explain:

1. The nature and context of supply chain management
2. Lean production and how lean concepts can be applied in supply chain processes
3. Strategic global sourcing and procurement
4. Information technologies for operations and supply chain management

Authorization/Notification Sign-Off Sheet

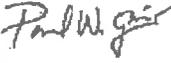
-Approved: Department Chairperson

Date: 11/24/24 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2024.01.24 14:28:36 -06'00'

-Approved: College Curriculum Committee

Date: 1/24/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.24 19:20:03 -06'00'

-Approved: Dean of College

Date: 1/25/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.25 09:18:32 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Supply Chain Management
Course Number:		MGT 550
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		MGT 330 Management and Organizational Behavior QBA 410 Business Analytics II
Course Description		Principles and applications of supply chain management. Topics include new information technologies, strategic alliances, and logistics.

Faculty Senate Course Form

Effective Date: Fall



2024



Submission Date: 1/24/24

Department: KUSB

College of: Business



Contact Person: Alex Binder

Chair

Course: New



Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a New to Course:

There is increasing demand for supply chain management skills by students and employers. PSU doesn't currently offer such a course in management. This course will meet that demand, serve as a foundational course in a planned major in supply chain management, and as an elective for management majors.

2. Is this related to, and/or affect, any other department/college/unit curricula or programs at

Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*

Yes; this course will be included in a planned Supply Chain and Industrial Distribution major in the College of Technology.

3. Will this course be required of any education majors? No

If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.

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

None

5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**

No; no additional resources are required.



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Building Web Apps with JavaScript
DSIS 690, 01,
Location: TBD
Time: TBD

7	Introduction to cloud hosting/deployments	Cloud hosting/deployment assignment
8	Express templating, working with forms	Forms Assignment
9	Integrating databases, working with different environments	Database Assignment
10	Setting up grids	Grid Assignment
11	User accounts and authentication	
12	Consuming 3 rd party APIs	3 rd Party API Assignment
13	Working with files and data	Data Export Assignment
14	Advanced topics/catch-up	Review Quiz
	Fall/Thanksgiving Break	
15	Final project work	
16	Final project presentations and wrap-up	Final Project

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



Duplicate/Plagiarized Work Policy

If multiple students submit the exact same work for an assignment, one of two things must have happened:

- a) The students both copied the same answers from the internet
- b) One of the students did the work and shared their answers with another student or students

Both of these scenarios are unacceptable. If any assignments are submitted that are exactly the same, all students submitting these assignments will receive a 0 on these submissions, with no exceptions. It is critical that you complete your own work, not only for academic integrity, but also so that you learn something in this class. It's ok to collaborate with other students, but do not copy other's work. It is particularly easy in a class like this to spot submissions that are exactly the same, since we're dealing with code, so don't do it.

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

Item	Total Points
Attendance	50
Homework	100
Project	200
Quizzes	50

Course Outline

The following topic outline is tentative and subject to change based on the needs of the course participants and the instructor.

Week	Topic	Homework
1	Introduction to JavaScript, NodeJS, Course Project	Intro Quiz
2	Using VS Code, Git	Git assignment
3	HTML & CSS, understanding the web/http requests	Web page assignment
4	JavaScript Fundamentals, JSON	JavaScript assignment
5	Introducing NodeJS and Express, linting	
6	3 rd Party Packages, Routing and APIs	API Assignment



Withdrawal

Students wishing to withdraw from the class are solely responsible for doing so. The instructor will not drop students from the course.

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.

Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).



- b. Has user accounts/authentication
- c. Interacts with a back-end database
- d. Allows data to be managed through forms/interfaces
- e. Is aesthetically pleasing and professional-looking

Teaching Methods

Content will be delivered primarily through two methods: lectures and discussions, and collaborative lab/development sessions. There are no exams in this course. We will rely on hands-on collaboration and assignments/quizzes that re-enforce web development concepts for student evaluation. There will also be a team project where groups of students will work to apply what they are learning to a real-world scenario.

Canvas

Canvas will be heavily utilized in this course. Supplemental materials for the course will be available on Canvas, and all homework assignments and quizzes will also be done through Canvas.

Attendance Policy

Attendance is critical to success in the class and will be a key factor in your grade. Points will be given for attendance and are worth just over 10% of your final grade. Each class attendance is worth several points, up to 50. This allows students to a couple of class periods without being penalized. Students must notify the instructor beforehand to be excused from class and have a legitimate reason such as illness or a school conflict. In those cases, students will still receive their points. The instructor may ask for proof of the need to be excused in some cases.

Attendance will be taken with an automated tool. It is the student's responsibility to check into class using this tool to be awarded attendance points. More information will be given the first day of class.

Important note: students will be excused from class and still be eligible to get their attendance points in the case of illness, or quarantine. Students should not attempt to attend class if they are feeling sick – but should instead contact the instructor so that other arrangements can be made.

Classroom Conduct

Students are expected to be punctual, respectful of the instructor and others, silence cell phones, and pay attention in class. Laptops are encouraged for note taking and following along class demonstrations/coding examples, provided they do not become a distraction.



Instructor: TBD
Hours: TBD
E-mail: TBD

Textbook

No textbook is required for this course. All software needed for JavaScript app development will be available in the computer labs or for free download.

Course Description

Web application development is a broad practice that is made up a wide range of software development activities. This course will focus on building web applications using JavaScript - specifically with Nodejs. Full stack development will be covered – so students will get to experience using JavaScript for both back-end and front-end development. Additionally, the basics of creating webpages using HTML and CSS frameworks will be covered, as well as interacting with databases. By the end of the class, students should have a strong foundation for web application development and should be able to build standalone web applications on their own.

Prerequisites

Prerequisite: CIS 420 Management Information Systems or ACCTG 420 Accounting Information Systems.

Course Objectives / Learning Outcomes

Upon completion of this course, students should:

1. Understand the basic principles of web application development
2. Understand the fundamentals of HTTP requests
3. Have a good understanding of the JavaScript language and its syntax
4. Know how to use Nodejs as the backend of a web application
5. Understand the fundamentals of interacting with a database from a web application
6. Have a good understanding of the Express framework and how it is used within Nodejs
7. Know the fundamentals of creating web pages and forms
8. Understand how to use basic source control software (git) when developing an app as a team
9. Be able to create a complete web application as part of a team that:
 - a. Is based on a real-world scenario

Authorization/Notification Sign-Off Sheet

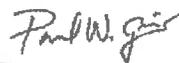
-Approved: Department Chairperson

Date: 10/30/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.30 11:47:58 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:33:22 -08'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:53:15 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Topics in Data Science and Info Systems
Course Number:		DSIS 690
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Prerequisite: DSIS 420 Management Information Systems or ACCTG 420 Accounting Information Systems
Course Description		Data science and information systems topics consistent with current interests of staff and students. May be repeated with different topics for a maximum of 6 hours.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **New** to Course:
A new course with a DSIS prefix is being created to replace the CIS prefix to reflect the name change of the major from Computer Information Systems to Data Science and Information Systems.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No. It is only a course prefix change from CIS to DSIS. The contents of the course won't be affected.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.

Component	Weight
Exams	60%
Hands-on Activities and Projects	30%
Attendance and Participation	10%

Exams (60%): There will be three midterm exams worth 40% of your overall grade. There will also be a final comprehensive exam worth 20% of each student's overall grade. Each exam may be composed of a variety of questions including multiple-choice questions, true/false questions, short answer questions, analytical problems, and/or a short essay. The exams are designed to evaluate each student's ability to recall, intelligently communicate, and demonstrate their understanding of the ideas covered throughout the semester. Any incidences of academic dishonesty will be treated on a case-by-case basis.

Hands-on Activities and Projects (30%): The hands-on activities and projects are designed to help each student learn and practice the material needed to be successful on the exams. Instructions for the activities and projects are on Canvas.

Attendance and Participation (10%): Each student is expected to attend and participate in class discussions. Each student gets two free absences for any reason. Any absence beyond the second will result in reduction of this portion of your grade. Absences will not be marked as excused or unexcused, except for sessions when there is an exam. Students who miss for an excused reason should be prepared to provide documentation. Please notify the instructor of any prolonged absences and alternative arrangements for the completion of course material will be made. Participation in class is required. Students may be docked points for distracting or otherwise harming the learning experience of their classmates.

Letter grades will be assigned according to the standard scale.

A: 90%-100%, B: 80%-89%, C: 70%-79%, D: 60%-69%, F: below 60%



Instructor:
Office:
Hours:
Phone:
E-mail:

Textbook

TBD

Catalog Course Description

This course provides an introduction to data mining methods and applications. The core topics to be covered in this course include setting the business objectives, data gathering, and preparation, applying data mining algorithms, and evaluating results. Classification, clustering, association analysis, and anomaly/novelty detection techniques will be covered. The students will conduct a project on data analytics and use the tools introduced in the course to tackle the problem.

Prerequisites

DSIS 240 Intermediate Programming

Course Objectives / Learning Outcomes

At the end of the semester, you should be able to:

1. Describe and define basic concepts in data mining.
2. Apply the concepts and techniques of Data mining on data sets
3. Preprocess and clean data for use in data mining
4. Discover interesting patterns from large amounts of data
5. Have had hands-on experience mining data.

Course Evaluation Methods

Each student's final grade will be based on their ability to demonstrate their proficiency in accomplishing the course objectives. To evaluate progress in accomplishing these objectives and to provide feedback on each student's learning the instructor will look at the following items:

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:55:33 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:42:05 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:52:47 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

- 7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
- 8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
- 9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Data Mining
Course Number:		DSIS 650
Credits:		3
Grading System:	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		DSIS 240 Intermediate Programming
Course Description		<p>This course provides an introduction to data mining methods and applications. The core topics to be covered in this course include setting the business objectives, data gathering, and preparation, applying data mining algorithms, and evaluating results. Classification, clustering, association analysis, and anomaly/novelty detection techniques will be covered. The students will conduct a project on data analytics and use the tools introduced in the course to tackle the problem</p>

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: David Sikolia Faculty

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **New** to Course:
The Data Science and Information Systems program at Kelce College of Business aims to advance the discipline of data science by adding three new core data science courses. Data mining is a key part of Data Science and is used to refine useful information from massive volumes of data, which leads to better business decisions.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No; this course will be taught in the College of Business as part of the Data Science and Information Systems curriculum.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No; no additional resources are required.



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- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

1. **Homework:** Homework is due at the specified time on the due date. There will be about eight assignments. Points will vary by assignment. Please check Canvas for more details.

Late homework will NOT be accepted and will receive a zero.

2. **Quizzes:** We will have about three scheduled quizzes. All quizzes should be completed during the allocated time period. Points will vary by assignment. Please check Canvas for more details.

Late quizzes will NOT be accepted and will receive a zero.

3. **Exams (about 300 points, 100 points each):**
We'll have three exams through the semester. Each exams will be announced ahead of time with detailed instruction. All exams must be completed on or before allocated time period.

Absences from exams without instructor's prior approval will result in a grade of zero for that exam.

4. Extra credit opportunities will be limited and can't be made up.
5. **Grades:** The grading scale is as follows: 90% to 100%, A; 80%-89%, B; 70% - 79%, C; 60% - 69%, D; Below 60%, F.
6. Although I sympathize with personal conflict (need a B to graduate, need a C to stay in school, etc.), I believe that they cannot validly be considered in grade calculations. Giving personal considerations to one student is unfair to the rest of the class. Therefore, personal conflicts will not be considered in grade calculation. So, please do not ask.

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



KELCE COLLEGE OF BUSINESS

Pittsburg State University

Academic Integrity

Academic misconduct or dishonesty is inconsistent with membership in an academic community and will not be tolerated. You are expected to do your own work. Unless otherwise specified, homework which is a group effort will result in the points awarded for the assignment being shared among the group members. Other penalties include, but are not limited to, a score of zero for the assignment in question, a final grade below the letter grade earned, and an F for the course. Please refer to page 36 in the 2001-2003, page 38 in the 2003-2005, and page 39 in the 2005-2007 University Catalogs, respectively, and note that the University reserves the right to expel those guilty of academic dishonesty.

There are always students caught cheating every semester. If a student is caught cheating, the minimum penalty will be a score of zero for the assignment in question.

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.

Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Instructor: Dr. Wei Sha
Office: Kelce 223E
Hours: TBD
Phone: 620-235-4542
E-mail: wsha@pittstate.edu

Textbook

1. Modern Database Management, 13th edition, by Hoffer, Prescott, and Topi, published by Prentice Hall. ISBN 9780134773650
2. A Guide to SQL, 9th edition, by Pratt and Last, published by Thomson Course Technology, ISBN 9781111527273. Previous editions won't be accepted.

Catalog Course Description

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.

Prerequisites

CIS 240 Intermediate Programming and junior standing

Course Objectives / Learning Outcomes

Analysis and design of large integrated databases. Design alternatives. Logical and physical representation of data. Introduction to SQL.

Teaching Methods

Lectures, discussions, in class demonstrations, video demonstrations, etc.

Canvas

The Canvas system will be used as a primary means to distribute class materials and information. It is your responsibility to check the Canvas frequently about class announcements, quizzes, assignments, and exam information.

Attendance Policy

Students are expected to attend every class. Students who have school-sponsored activities that will conflict with any scheduled class activities or quizzes should let the instructor know ASAP with written notifications.

Classroom Conduct

Please be a professional at all times, and adhere to the student code of conduct policy by Kelce College of Business.

Authorization/Notification Sign-Off Sheet

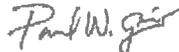
-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:49:55 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:41:31 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:52:20 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Database Management
Course Number:		DSIS 615
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		DSIS 230 Introduction to Programming
Course Description		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.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

- Purpose/Justification for a **New** to Course:
A new course with a DSIS prefix is being created to replace the CIS prefix to reflect the name change of the major from Computer Information Systems to Data Science and Information Systems.
- Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
Yes, the Computer Science program currently requires CIS 615 and they will need to update their degree requirements to include this course instead of CIS 615 which will no longer be provided.
- Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
- What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
No
- Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Internship
DSIS 610-01
Meeting time/place: TBD

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodation may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

1. Keep weekly work logs and submit them to the internship advisor every two weeks.
2. Comply with any and all additional requirements as may be proposed during the course of the internship by the department or internship advisor.
3. Receive an acceptable evaluation from the employer and receive an acceptable evaluation from the internship advisor.
4. A report should be delivered to the internship faculty advisor at the end of the internship. This report should cover how a student has accomplished internship objectives. Other types of deliverables of this course (project, job offer letters, etc.) can be determined between a student and the student's internship faculty advisor.
5. Grades: Credit is awarded as pass/fail. If students satisfactorily complete the course requirements listed above by the applicable deadlines, a "pass" will be awarded, otherwise an "F" will be awarded.

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



Academic Integrity

Academic misconduct or dishonesty is inconsistent with membership in an academic community and will not be tolerated. You are expected to do your own work. Unless otherwise specified, homework which is a group effort will result in the points awarded for the assignment being shared among the group members. Other penalties include, but are not limited to, a score of zero for the assignment in question, a final grade below the letter grade earned, and an F for the course. Please refer to page 36 in the 2001-2003, page 38 in the 2003-2005, and page 39 in the 2005-2007 University Catalogs, respectively, and note that the University reserves the right to expel those guilty of academic dishonesty.

There are always students caught cheating every semester. If a student is caught cheating, the minimum penalty will be a score of zero for the assignment in question.

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.

Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).



Instructor: TBD
Hours: TBD
E-mail: TBD
Office: TBD

Catalog Course Description

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.

Prerequisites

Junior standing and consent of instructor.

Course Objectives / Learning Outcomes

Upon successful completion of this course, the student should be able to:

1. Gain "real world" experience in the field of computer information systems.
2. Be able to work in a professional business environment.
3. Improve interpersonal and communication skills.
4. Apply foundational CIS knowledge to the processes within the chosen internship placement.
5. Demonstrate critical thinking to solve problems related to different areas of information systems.

Teaching Methods

Traditional internship experience. Students will be required to have their own transportation and materials.

Canvas

The Canvas system will be used as a primary means to distribute class materials and information.

Attendance Policy

Students are expected to follow the policies and guidelines from their employers. There are no formal classroom attendance requirements with the internship coordinator, although the internship advisor may require the student to meet with them as needed.

Classroom Conduct

Students are expected to be professionals on and off campus at all times and adhere to the student code of conduct policy by Kelce College of Business.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/30/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.30 11:48:45 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:41:05 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:51:52 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Internship
Course Number:		DSIS 610
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Prerequisite: Junior standing and consent of instructor.
Course Description		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.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **New** to Course:
A new course with a DSIS prefix is being created to replace the CIS prefix to reflect the name change of the major from Computer Information Systems to Data Science and Information Systems.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No. It is only a course prefix change from CIS to DSIS. The contents of the course won't be affected.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.



Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodation may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

1. Keep weekly work logs and submit them to the supervising faculty every two weeks.
2. Comply with any and all additional requirements as may be proposed during the course of the project by the supervising faculty.
3. A public presentation should be performed at the end of the semester. This presentation should cover how a student has accomplished project objectives. Other types of deliverables of this course (project report, source code, GitHub postings etc.) can be determined between a student and the student's supervising faculty.
4. Grades: Students must earn a grade of A or B to receive credit for this course. Failure to complete the course with a grade of A or B will void this option and students will have to satisfy their Academic Honors requirement in the traditional way. There will be no IP (in progress) or IN (incomplete) grades for this course. Projects must be done by the end of the spring term to count towards Academic Honors requirements.

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



Academic Integrity

Academic misconduct or dishonesty is inconsistent with membership in an academic community and will not be tolerated. You are expected to do your own work. Unless otherwise specified, homework which is a group effort will result in the points awarded for the assignment being shared among the group members. Other penalties include, but are not limited to, a score of zero for the assignment in question, a final grade below the letter grade earned, and an F for the course. Please refer to page 36 in the 2001-2003, page 38 in the 2003-2005, and page 39 in the 2005-2007 University Catalogs, respectively, and note that the University reserves the right to expel those guilty of academic dishonesty.

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- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).



Instructor: TBD
Hours: TBD
E-mail: TBD
Office: TBD

Catalog Course Description

The Senior Honors Project is an optional way to earn Academic Honors for students who are members of the Honors College. The course is a two-semester sequence where the student undertakes a year-long research project or creative endeavor under the guidance of a faculty member to expand their knowledge in an area integral to their academic growth and development. The Senior Honors Project 2 is the culmination of the project started in Senior Honors Project 1 and will result in a public presentation of the work.

Prerequisites

CIS 603 Senior Project 1.

Course Objectives / Learning Outcomes

Upon successful completion of this course, the student should be able to:

1. Complete a project in the field of computer information systems.
2. Be able to accomplish project deliverables in a timely manner.
3. Improve interpersonal and communication skills.
4. Apply foundational CIS knowledge to the project development processes.
5. Demonstrate critical thinking in the project.

Teaching Methods

Lectures, discussions, in class demonstrations, video demonstrations, etc.

Canvas

The Canvas system will be used as a primary means to distribute class materials and information.

Attendance Policy

Regular communications with project supervising faculty are to be expected. Students who have school-sponsored activities that will conflict with any project activities should let the supervising faculty know ASAP with written notifications.

Classroom Conduct

Students are expected to be professionals at all times and adhere to the student code of conduct policy by Kelce College of Business.

Authorization/Notification Sign-Off Sheet

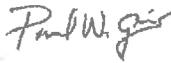
-Approved: Department Chairperson

Date: 10/30/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.30 11:48:15 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:40:37 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:51:25 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Senior Honors Project 2
Course Number:		DSIS 604
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		None
Course Description		The Senior Honors Project is an optional way to earn Academic Honors for students who are members of the Honors College. The course is a two-semester sequence where the student undertakes a year-long research project or creative endeavor under the guidance of a faculty member to expand their knowledge in an area integral to their academic growth and development. The Senior Honors Project 2 is the culmination of the project started in Senior Honors Project 1 and will result in a public presentation of the work.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

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1. Purpose/Justification for a **New** to Course:
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No. It is only a course prefix change from CIS to DSIS. The contents of the course won't be affected.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.



Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodation may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

1. Keep weekly work logs and submit them to the supervising faculty every two weeks.
2. Comply with any and all additional requirements as may be proposed during the course of the project by the supervising faculty.
3. A report should be delivered to the supervising faculty at the end of the semester. This report should cover how a student has accomplished project objectives. Other types of deliverables of this course (project, job offer letters, etc.) can be determined between a student and the student's supervising faculty.
4. Grades: Students will receive a grade of A, B, IP (in progress) or NC (no credit) for each enrollment of the Senior Honors Project. A grade of NC avoids the process and the student must then complete their Academic Honors in the traditional way.

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



Academic Integrity

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- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).



Instructor: TBD
Hours: TBD
E-mail: TBD
Office: TBD

Catalog Course Description

The Senior Honors Project is an optional way to earn Academic Honors for students who are members of the Honors College. The course is a two-semester sequence where the student undertakes a year-long research project or creative endeavor under the guidance of a faculty member to expand their knowledge in an area integral to their academic growth and development. The Senior Honors Project 1 is the first course in the sequence and will focus on the fundamental development of the project and preliminary scope of work to be completed.

Prerequisites

None.

Course Objectives / Learning Outcomes

Upon successful completion of this course, the student should be able to:

1. Develop a project in the field of computer information systems.
2. Be able to accomplish project deliverables in a timely manner.
3. Improve interpersonal and communication skills.
4. Apply foundational CIS knowledge to the project development processes.
5. Demonstrate critical thinking in the project.

Teaching Methods

Lectures, discussions, in class demonstrations, video demonstrations, etc.

Canvas

The Canvas system will be used as a primary means to distribute class materials and information.

Attendance Policy

Regular communications with project supervising faculty are to be expected. Students who have school-sponsored activities that will conflict with any project activities should let the supervising faculty know ASAP with written notifications.

Classroom Conduct

Students are expected to be professionals at all times and adhere to the student code of conduct policy by Kelce College of Business.

Authorization/Notification Sign-Off Sheet

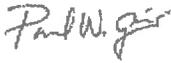
-Approved: Department Chairperson

Date: 10/30/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.30 11:48:32 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:40:10 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:51:04 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Senior Honors Project 1
Course Number:		DSIS 603
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		None
Course Description		The Senior Honors Project is an optional way to earn Academic Honors for students who are members of the Honors College. The course is a two-semester sequence where the student undertakes a year-long research project or creative endeavor under the guidance of a faculty member to expand their knowledge in an area integral to their academic growth and development. The Senior Honors Project 1 is the first course in the sequence and will focus on the fundamental development of the project and preliminary scope of work to be completed.

- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member or administrator).

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

Exams (3) 450 points

Labs 300 points

Assignments/quizzes 250 points

A (90 – 100%) B (80 – 89%) C (70 – 79%) D (60 – 69%)

Note

The instructor reserves the right to amend and reorganize this syllabus at any time.

Link to syllabus supplement

Syllabus supplement

Canvas

Notes from the lectures will be posted on Canvas. All assignments will be posted on Canvas. All exams will be online in Canvas.

Attendance Policy

Students are expected to attend class regularly and participate in the activities of the class. Exams will be given on the days indicated in the Syllabus. Any student requesting a different time must contact the instructor at least one week before the posted exam date. If there is an emergency, the instructor must be notified as soon as possible and at least one day before returning to class. Assignments and Projects are expected to be turned in on time. The due dates will be posted in Canvas. Assignments and Projects turned in late will not be accepted.

Classroom Conduct

Students should conduct themselves appropriately as outlined in the Academic Integrity Policy described below. Each student is responsible for his/her own assignments. Any student who copies another's work or provides a copy of his/her work to another student will receive a zero for that assignment. Any student who repeats this offense will receive an "F" for the course and may be subject to dismissal from the University due to Academic Misconduct.

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.

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- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
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- Refrain from class disturbances.
- Refrain from the profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property respectfully.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignments and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.



- Wide Area Network Essentials
- Network Operating System Fundamentals
- Network Management and Administration
- Internet of Things
- Troubleshooting and Support

General Education Goals

None

Course Outline

Date	Topic
August 22 nd	Introduction to Computer Networks
August 29 th	Network Hardware Essentials
September 5 th	Network Topologies and Technologies
September 12 th	Network Media
September 19 th	
September 26 th	Exam 1
October 3 rd	Network Protocols
October 10 th	IP Addressing
October 17 th	Network Reference Models and Standards
October 24 th	Network Hardware in Depth
October 31 st	
November 7 th	Exam 2
November 14 th	Introduction to Network Security
November 21 st	Thanksgiving break
November 28 th	Wide Area Networking and Cloud Computing
December 5 th	
December 12 th	Final's week
December 19 th	Grades due

Teaching Methods

These will include lectures and readings from the textbook and various homework assignments. There will be a project that is designed to give students a hands-on approach to learning the methods used to analyze business problems and to design and model an application to solve those problems



Instructor: Dr. David Sikolia
Office: Kelce 223H
Hours: TBD
Phone: 620-235-6040
E-mail: dsikolia@pittstate.edu

Textbook

Guide to Networking Essentials | 8th Edition Greg Tomsho
ISBN-13: 978-0357118283
ISBN-10: 0357118286



Catalog Course Description

Concepts of communications, computer networking principles, and survey of technical components of a distributed computer system all with an emphasis on network security.

Prerequisites

CIS230 – CIS 230 Introduction to Programming.

Course Objectives / Learning Outcomes

This course introduces technologies, terminology, and skills used in data networking. Emphasis is on practical applications of networking and computer technology to real-world problems. Prepares students for entry-level jobs as networking technicians and prepares them for learning more advanced topics in networking.

Specific topic coverage includes:

- Introduction to Computer Networks
- Network Hardware Essentials
- Network Topologies and Technologies
- Network Media
- Network Protocols
- IP Addressing
- Network Reference Models and Standards
- Network Hardware in Depth
- Introduction to Network Security

Authorization/Notification Sign-Off Sheet

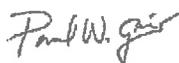
-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:49:28 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:39:41 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:50:39 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

- 7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
- 8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
- 9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Network and Information Security
Course Number:		DSIS 470
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		DSIS 230 Introduction to Programming
Course Description		This course introduces technologies, terminology, and skills used in data networking. Emphasis is on practical applications of networking and computer technology to real-world problems. Prepares students for entry-level jobs as networking technicians and prepares them for learning more advanced topics in networking.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

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- Purpose/Justification for a **New** to Course:
A new course with a DSIS prefix is being created to replace the CIS prefix to reflect the name change of the major from Computer Information Systems to Data Science and Information Systems.
- Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, the course is not required or included in any other program.
- Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
- What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
- Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.

Component	Weight
Unit Reviews	20%
Exams	35%
Programming Activities	25%
Project	20%

Unit Reviews (20%): There will be a quiz with each module and will be worth 20% of a student's overall grade. The quizzes will consist of a variety of questions including multiple-choice, matching, true/false, and short answers.

Exams (35%): There will be two midterm exams worth 20% of a student's overall grade. There will also be a final comprehensive exam worth 15% of each student's overall grade. Each exam may be composed of a variety of questions including multiple-choice, matching, true/false, and short answers. The exams are designed to evaluate each student's ability to recall, and demonstrate his/her understanding of the ideas covered throughout the semester. Any incidences of academic dishonesty will be treated on a case-by-case basis.

Programming Activities (25%): The programming activities are designed to help each student learn the material by creating a real-world implementation of concepts taught in the course.

Project (20%): Each student will write a research paper related to AI or develop an application implementing AI concepts. Each student will then present the paper or application to the class and instructor.

Letter grades will be assigned according to the standard scale.

A: 90%-100%, B: 80%-89%, C: 70%-79%, D: 60%-69%, F: below 60%



Instructor:
Office:
Hours:
Phone:
E-mail:

Textbook

TBD

Catalog Course Description

This course introduces artificial intelligence techniques used in business information systems. It begins with a brief history AI. The course will cover some of the current applications and trends in AI as well as the algorithms and programming logic used in these systems. The course will provide students a hands-on learning experience in implementing some of the techniques and algorithms.

Prerequisites

DSIS 240 Intermediate Programming

Course Objectives / Learning Outcomes

At the end of the semester, students should be able to:

1. Identify common Artificial Intelligence techniques used in Business Information Systems.
2. Identify and implement common A.I. algorithms.
3. Define and implement programming logic that is being used in A.I. based business information systems.
4. Define the aspects of Machine Learning.
5. Present and discuss real world A.I. implementations.

Course Evaluation Methods

Each student's final grade will be based on their ability to demonstrate their proficiency in accomplishing the course objectives. To evaluate progress in accomplishing these objectives and to provide feedback on each student's learning the instructor will look at the following items:

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:55:19 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:38:12 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:50:11 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Dwight Strong Faculty
Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a New to Course:
Artificial Intelligence is becoming a more prominent part of Business Information Systems. This course is designed to introduce the techniques of AI used in business and how to implement the within Information Systems. This course will better prepare our students for future needs of business.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No; this course will be taught in the College of Business as part of the Data Science and Information Systems curriculum.
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No additional resources will be required.

- 7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
- 8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
- 9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Artificial Intelligence
Course Number:		DSIS 450
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		DSIS 240 Intermediate Programming
Course Description		This course introduces artificial intelligence techniques used in business information systems. It begins with a brief history AI. The course will cover some of the current applications and trends in AI as well as the algorithms and programming logic used in these systems. The course will provide students a hands-on learning experience in implementing some of the techniques and algorithms.

Hands-on Activities and Projects	30%
Attendance and Participation	10%

Exams (60%): There will be three midterm exams worth 40% of your overall grade. There will also be a final comprehensive exam worth 20% of each student's overall grade. Each exam may be composed of a variety of questions including multiple-choice questions, true/false questions, short answer questions, analytical problems, and/or a short essay. The exams are designed to evaluate each student's ability to recall, intelligently communicate, and demonstrate their understanding of the ideas covered throughout the semester. Any incidences of academic dishonesty will be treated on a case-by-case basis.

Hands-on Activities and Projects (30%): The hands-on activities and projects are designed to help each student learn and practice the material needed to be successful on the exams. Instructions for the activities and projects are on Canvas.

Attendance and Participation (10%): Each student is expected to attend and participate in class discussions. Each student gets two free absences for any reason. Any absence beyond the second will result in reduction of this portion of your grade. Absences will not be marked as excused or unexcused, except for sessions when there is an exam. Students who miss for an excused reason should be prepared to provide documentation. Please notify the instructor of any prolonged absences and alternative arrangements for the completion of course material will be made. Participation in class is required. Students may be docked points for distracting or otherwise harming the learning experience of their classmates.

Letter grades will be assigned according to the standard scale.

A: 90%-100%, B: 80%-89%, C: 70%-79%, D: 60%-69%, F: below 60%



Instructor:
Office:
Hours:
Phone:
E-mail:

Textbook

TBD

Catalog Course Description

Data visualization serves as one of the most effective techniques for exploring, analyzing, and disseminating patterns in quantitative data. Students will learn sophisticated techniques for transforming data into visual information in this course. Enterprise applications for data analytics and a variety of programming libraries for data visualization will be covered. The course will provide students with opportunities to learn through hands-on activities and projects. Prerequisites: CIS 420 Management Information Systems

Prerequisites

DSIS 420 Management Information Systems

Course Objectives / Learning Outcomes

At the end of the semester, you should be able to:

1. Understand the fundamental principles of analytic design
2. Understand the different types of data visualization
3. Convert raw data into compelling data visualizations using proper tools and techniques
4. Provide actionable information based on a variety of visualizations

Course Evaluation Methods

Each student's final grade will be based on their ability to demonstrate their proficiency in accomplishing the course objectives. To evaluate progress in accomplishing these objectives and to provide feedback on each student's learning the instructor will look at the following items:

Component	Weight
Exams	60%

Authorization/Notification Sign-Off Sheet

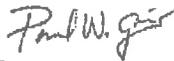
-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:55:08 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:37:45 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:49:46 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

- 7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? **No**
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
- 8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
- 9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Data Visualization
Course Number:		DSIS 440
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		CIS 420 Management Information Systems
Course Description		Data visualization serves as one of the most effective techniques for exploring, analyzing, and disseminating patterns in quantitative data. Students will learn sophisticated techniques for transforming data into visual information in this course. Enterprise applications for data analytics and a variety of programming libraries for data visualization will be covered. The course will provide students with opportunities to learn through hands-on activities and projects.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Jae Choi Faculty
Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a New to Course:
The Data Science Information Systems program at Kelce College of Business aims to advance the discipline of data science by adding three new core data science courses. Data visualization serves as one of the most effective techniques for exploring, analyzing, and disseminating patterns in quantitative data.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No; this course will be taught in the College of Business as part of the Data Science and Information Systems curriculum.
3. Will this course be required of any education majors? No
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No; no additional resources are required.



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Business.

- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



KELCE COLLEGE OF BUSINESS

Pittsburg State University

4. Late assignment policy:
Late homework will NOT be accepted and will receive a zero. Absences from exams without instructor's prior approval will result in a grade of zero for that exam.
5. Extra credit opportunities are not guaranteed and can't be made up.
6. Grades: The grading scale is as follows: 90% to 100%, A; 80%-89%, B; 70% - 79%, C; 60% - 69%, D; Below 60%, F.
7. Although I sympathize with personal conflict (need a B to graduate, need a C to stay in school, etc.), I believe that they cannot validly be considered in grade calculations. Giving personal considerations to one student is unfair to the rest of the class. Therefore, personal conflicts will not be considered in grade calculation. So, please do not ask.

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below. Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of



Course Outline

Tentative Outline. Please check Canvas for more details.

Week 1	Introduction
Week 2	Data Science Basics
Week 3	Centrality, Correlation and Excel
Week 4	Data Visualization
Week 5	Data Visualization
Week 6	Probabilities
Week 7	Probabilities
Week 8	Forecasting
Week 9	Forecasting
Week 10	Regression
Week 11	Regression
Week 12	Classification
Week 13	Classification
Week 14	Association
Week 15	Data Warehouse and SQL
Week 16	Final

Attendance Policy

Students are expected to attend every class. Students who have school-sponsored activities that will conflict with any scheduled class activities or quizzes should let the instructor know ASAP with written notifications.

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

1. Homework (about 490 points total): Homework is due at the specified time on the due date. Please check Canvas for more details.
2. Mid Term Exam (100 points):
We'll have a midterm exam in October. Please check Canvas for more details.
3. Final Project (100 points):
You would need to analyze a set of data and present your findings in a research report. It will serve as your final exam. Please check Canvas for more details.



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Pittsburg State University

Instructor: Dr. Wei Sha, Associate Professor
Office: Kelce 223e
Hours: TBD
Phone: 620-235-4542
E-mail: wsha@pittstate.edu

Textbook

Business Analytics, 4th Edition, by Cam, Cochran and Fry, published by Cengage Learning, ISBN 9780357131787

Catalog Course Description

This class focuses on collection of, storing, accessing, and manipulating standard-size and large datasets; data visualization; predictive analytics and clustering. Various data mining techniques will be discussed, and analytical tools and programming packages (R and R Studio) will be introduced and utilized to analyze data and to present results.

Prerequisites

CIS 420 Management Information Systems.

Course Objectives / Learning Outcomes

1. Be able to identify data analytic concepts and illustrate the application and importance of these concepts.
2. Be able to demonstrate proper data analytic techniques.
3. Be able to demonstrate using analytical and programming tools for data analytics
4. Be able to conduct a data analytic project with completed deliverables.
5. Be able to demonstrate the importance of ethics in data analytics.

Teaching Methods

Lectures, discussions, in class demonstrations, video demonstrations, etc.

Canvas

The Canvas system will be used as a primary means to distribute class materials and information. It is your responsibility to check the Canvas frequently about class announcements, quizzes, assignments, and exam information

Classroom Conduct

Please be a professional at all times and adhere to the student code of conduct policy by Kelce College of Business.

Authorization/Notification Sign-Off Sheet

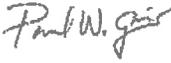
-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:49:08 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:37:15 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:49:24 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Data Analytics: Business Intelligence
Course Number:		DSIS 430
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Prerequisite: DSIS 420 Management Information Systems
Course Description		This class focuses on collection of, storing, accessing, and manipulating standard-size and large datasets; data visualization; predictive analytics and clustering. Various data mining techniques will be discussed, and analytical tools and programming packages (R and R Studio) will be introduced and utilized to analyze data and to present results.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **New** to Course:
A new course with a DSIS prefix is being created to replace the CIS prefix to reflect the name change of the major from Computer Information Systems to Data Science and Information Systems.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
No, the course is not required or included in any other program.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.



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Pittsburg State University

Course Syllabus:
Management Information Systems
CIS 420-01
Meeting time/place: 11AM MW at Kelce 105
Fall 2023

- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

- There will be three exams; each exam is 20% of the final grade (60% in total).
- There will be weekly activities on a variety of topics; 40 % of the grade in total.
- The maximum grade scale is 90% A, 80% B, 70% C, and 60% D.

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Management Information Systems
CIS 420-01
Meeting time/place: 11AM MW at Kelce 105
Fall 2023

Attendance Policy

Students are expected to access Canvas regularly and participate fully in the activities of the class. The instructor will drop students with excessive absence.

Late Submission Policy

- Late submission is not allowed in principle
- Inform your instructor if you encounter an emergency situation before the submission due date

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below. Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.



Week	Topics	Activity Submission Due	Resource
Week 10 (10/23-25)	Python 4: Big Data Analysis with Python Pandas	4:00 PM on Wednesday	Althoff and other resources
Week 11 (10/30-11/1)	Exam 2	4:00 PM on Wednesday	
Week 12 (11/6-8)	Business Process and BPMN activity using SAP Signavio	4:00 PM on Wednesday	Kroenke Ch8
Week 13 (11/13-15)	ERP and Introduction to GBI	4:00 PM on Wednesday	Kroenke Ext. 11, Magal.
11/20-22	Thanksgiving holidays	No Class	
Week 14 (11/27-29)	SAP S/4 HANA Navigation (Fiori): Group Activity	4:00 PM on Wednesday	Kroenke Ext. 11, Magal.
Week 15 (12/4-6)	SAP S/4 HANA SD module (Fiori): Group Activity	12:15 PM on Wednesday	Kroenke Ext. 11, Magal.
Week 16 (12/11-13)	Final Exam	4:00 PM on 12/13	

Teaching Methods

Reading materials, video clips, case analysis, and assigned labs.

Canvas

Class announcements and assignments will be posted on Canvas. Private communication with your instructor will be done through Canvas messaging system. You are expected to regularly visit Canvas course homepage to keep up with ongoing class discussion and information update.

Submission

All the weekly activities need to be submitted to Canvas. It is your responsibility to confirm if your submission file is intact. Please, check out your file after each submission (by downloading and reviewing your submitted file) and send your submission file via Canvas message if something goes wrong. In case your file is corrupted/not visible/empty, you will receive zero.



- Students will be introduced to Business Process Integration utilizing Enterprise Application Systems such as ERP
- Students will be introduced to contemporary IT topics including Data Analytics, Artificial Intelligence, and System Development

General Education Goals

N/A

Course Outline

The table below gives an approximate schedule for topics and activities. The instructor reserves the right to modify or amend the course schedule whenever necessary.

Week	Topics	Activity Submission Due	Resource
Week 1 (8/21-23)	Introduction and Course Overview Form your group	4:00 PM on Wednesday	Syllabus and Kroenke Ch1
Week 2 (8/28-30)	Relational Database	4:00 PM on Wednesday	Kroenke Ch5 and other sources
Week 3 (9/6)	Database Management System using MS Access	4:00 PM on Wednesday	Kroenke Ch5
Week 4 (9/11-13)	Business Intelligence and Generative AI tools	4:00 PM on Wednesday	Kroenke Ch3, Ext. 2
Week 5 (9/18-20)	Data Analytics using SAP Cloud Analytics: Group Activity	4:00 PM on Wednesday	Kale Ch1-Ch6
Week 6 (9/25-27)	Exam 1	4:00 PM on Wednesday	
Week 7 (10/2-4)	Python 1: The beginning and Logics	4:00 PM on Wednesday	Althoff and other resources
Week 8 (10/9-11)	Python 2: Loop	4:00 PM on Wednesday	Althoff and other resources
Week 9 (10/16-18)	Python 3: Data Visualization with Python Matplotlib	4:00 PM on Wednesday	Althoff and other resources



Instructor: Jae Choi, Ph.D, Professor of CIS
Hours: TBD
E-mail: Canvas message is preferred: jchoi@pittstate.edu
Office: Kelce 223C

Course structure

- Mondays: Lecture and quizzes
- Wednesdays: Hands-on activities. Bring your earphone as some activities require you to watch video clips

Textbook

We don't have any mandatory textbook. Course materials will be sourced from a variety of resources including the following books. Although you are NOT required to purchase any of these materials, they can be helpful when you need deeper understanding.



Recommended 1: Experiencing MIS, Kroenke and Boyle, Pearson 10th edition, 2022
ISBN: 9780137602209

Recommended 2: Business Process Integration with SAP S/4HANA, Magal and Word, Epistemy Press LLC, 2020, ISBN: 9780997209235

Recommended 3: Practical Analytics, Kale and Johns, Epistemy Press LLC, 2nd edition, 2020, ISBN: 9780997209242

Recommended 4: The self-taught programmer: the definite guide to programming professionally, Althoff, Self-taught media, ISBN: 978-0999685907

Catalog Course Description

Survey of the principle concepts with emphasis on computer-based transactional and management information system. Computer systems, files and file processing, systems analysis and design, managerial, organizational and social impacts.

Prerequisites

"C" in CIS 130 Computer Information Systems, junior standing, or permission of instructor

Course Objectives / Learning Outcomes

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:47:57 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:36:53 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:48:33 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Management Information Systems
Course Number:		DSIS 420
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Prerequisite: "C" in DSIS 130 Computer Information Systems
Course Description		Survey of the principal concepts with emphasis on computer-based transactional and management information system. Computer systems, files and file processing, systems analysis and design, managerial, organizational and social impacts.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **Select One** to Course:
A new course with a DSIS prefix is being created to replace the CIS prefix to reflect the name change of the major from Computer Information Systems to Data Science and Information Systems.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
Yes, the Geography program currently lists CIS 420 as an elective and they will need to update their degree requirements to include this course instead of CIS 420 which will no longer be provided.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None.
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Systems Analysis and Design
CIS 380-01
Meeting time/place: 9:30AM MW at Kelce 103
Fall 2023

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current [Syllabus Supplement](#).

Course Evaluation Methods

- There will be three exams; Exam 1 (20%), 2 (20%), 3 (40%): 80% in total.
- There will be activities on a variety of topics; 20 % of the grade in total.
- The maximum grade scale is 90% A, 80% B, 70% C, and 60% D.

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



KELCE
COLLEGE OF BUSINESS

Pittsburg State University

Course Syllabus:

Systems Analysis and Design
CIS 380-01

Meeting time/place: 9:30AM MW at Kelce 103
Fall 2023

Students are expected to access Canvas regularly and participate fully in the activities of the class. The instructor will drop students with excessive absence.

Late Submission Policy

- Late submission is not allowed in principle
- Inform your instructor if you encounter an emergency situation before the submission due date

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.

Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).



Week	Activities	Note
Week 11 (10/30-11/1)	<ul style="list-style-type: none"> Exam 2 	Exam 2 due 4PM on 11/1
Week 12 (11/6-8)	<ul style="list-style-type: none"> Exam 2 Presentation Dynamic Modeling 	
Week 13 (11/13-15)	<ul style="list-style-type: none"> Exercise for Dynamic Modeling 	Exam 3 Posted on 11/13
11/20-22	Thanksgiving holidays	
Week 14 (11/27-29)	<ul style="list-style-type: none"> Exam 3 Meetings 	
Week 15 (12/4-6)	<ul style="list-style-type: none"> Exam 3 Meetings 	
Week 16 (12/11-13)	<ul style="list-style-type: none"> Presentation at 9AM on 12/13 	Exam 3 Project Submission due 4PM on 12/13

Teaching Methods

Reading materials, video clips, case analysis, and assigned labs.

Canvas

Class announcements and assignments will be posted on Canvas. Private communication with your instructor will be done through Canvas messaging system. You are expected to regularly visit Canvas course homepage to keep up with ongoing class discussion and information update.

Submission

All the weekly activities need to be submitted to Canvas. It is your responsibility to confirm if your submission file is intact. Please, check out your file after each submission (by downloading and reviewing your submitted file) and send your submission file via Canvas message if something goes wrong. In case your file is corrupted/not visible/empty, you will receive zero.

Attendance Policy



Course Outline

The table below gives an approximate schedule for topics and activities. The instructor reserves the right to modify or amend the course schedule whenever necessary.

Week	Activities	Note
Week 1 (8/21-23)	<ul style="list-style-type: none">• Introduction and Course Overview• Requirement Determination	Group Formed
Week 2 (8/28-30)	<ul style="list-style-type: none">• Functional Requirement Activity• Group Presentation	
Week 3 (9/6)	<ul style="list-style-type: none">• Functional Modeling with UML Tools	
Week 4 (9/11-13)	<ul style="list-style-type: none">• Use Case Description with CD case• Exercise for Use Case Description and discussion	
Week 5 (9/18-20)	<ul style="list-style-type: none">• Activity Diagram• Exercise for Activity Diagram and discussion	Exam 1 posted on 9/20
Week 6 (9/25-27)	<ul style="list-style-type: none">• Exam 1	Exam 1 due 4PM on 9/27
Week 7 (10/2-4)	<ul style="list-style-type: none">• Exam 1 presentation• OOP Concept with an example (Boat class)	
Week 8 (10/9-11)	<ul style="list-style-type: none">• OOP Concept with an example (Boat class)• OOP exercise (Dog/Cat classes)	
Week 9 (10/16-18)	<ul style="list-style-type: none">• Presentation for OOP Exercise• Structural Modeling	
Week 10 (10/23-25)	<ul style="list-style-type: none">• Exercise for Structural Modeling Part 1 (Table)• Exercise for Structural Modeling Part 2 (Simple Class)• Exam 3 Project Topic Discussion	Exam 2 posted on 10/25



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Systems Analysis and Design
CIS 380-01
Meeting time/place: TBD

Instructor: Jae Choi, Ph.D, Professor of CIS
Hours: TBD
E-mail: Canvas messages are preferred: jchoi@pittstate.edu
Office: Kelce 223C

Textbook

Systems Analysis & Design: An Objected-Oriented Approach with UML 6th Edition,
Dennis, Wixom and Tegarden, Wiley, 2020. ISBN-13: 978-1119559917



Catalog Course Description

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.

Prerequisites

CIS 230 Introduction to Programming

Course Objectives / Learning Outcomes

- Students will be introduced to Software Systems Analysis techniques and Methodologies.
- Students will learn object-oriented modeling tools and techniques for designing business applications.
- To introduce managerial issues related to different designs of information systems
- To introduce Unified Modeling Language for design communication

General Education Goals

N/A

Authorization/Notification Sign-Off Sheet

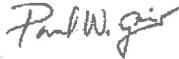
-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:47:24 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:36:18 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:48:07 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Systems Analysis and Design
Course Number:		DSIS 380
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Prerequisite: DSIS 230 Introduction to Programming
Course Description		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.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:

Department: KUSB College of: Business

Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

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1. Purpose/Justification for a **New** to Course:
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2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
Yes, the Computer Science program currently requires CIS 230 and they will need to update their degree requirements to include this course instead of CIS 230 which will no longer be provided.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None.
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.

- Refrain from giving or receiving inappropriate assistance.
- Prepare assignments and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member or administrator).

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

1. Exams – 400 points (Mid-term and Final 200 points each).
2. Seven assignments (490 points total, 70 points each): Assignments are due at the specified time on the due date.

Late assignments will NOT be accepted and will receive a zero.

3. Participation (110 points) will include in-class activities such as quizzes, programming tasks, group work, etc.
4. There might be extra credit opportunities throughout the semester. Extra credit assignments can't be made up.
5. Grades: The grading scale is as follows: 90% to 100%, A; 80%-89%, B; 70% - 79%, C; 60% - 69%, D; Below 60%, F.
6. Although I sympathize with personal conflict (need a B to graduate, need a C to stay in school, etc.), I believe that they cannot validly be considered in grade calculations. Giving personal considerations to one student is unfair to the rest of the class. Therefore, personal conflicts will not be considered in grade calculation. So, please do not ask.

Note

The instructor reserves the right to amend and reorganize this syllabus at anytime.

Link to Syllabus supplement Supplement

Course Outline

Date	Topic	Assignments
August 22 nd	Introduction to Computers and Java	Assignment 1
August 29 th	Java Fundamentals	Assignment 2
September 5 th		
September 12 th	Decision structures	Assignment 3
September 19 th		
September 26 th	Loops and Files	Assignment 4
October 3 rd		
October 10 th	Mid-term exam	
October 17 th	Methods	Assignment 5
October 24 th		
October 31 st	A first look at Classes	Assignment 6
November 7 th		
November 14 th	Arrays and the ArrayList Class	Assignment 7
November 21 st	Thanksgiving break	
November 28 th	Arrays and the ArrayList Class	
December 5 th		
December 12 th	Final's week	
December 19 th	Grades due	

+ The dates are Tuesdays for the given week

Classroom Conduct

Please always be professional and adhere to the student code of conduct policy by Kelce College of Business.

Academic Integrity

All Pitt State students are bound by the university's academic integrity policies as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.

Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from the use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.



Instructor: Dr. David Sikolia
Office: Kelce 223H
Hours: TBD
Phone: 620-235-6040
E-mail: dsikolia@pittstate.edu

Textbook

Starting Out with Java: From Control Structures through Data Structures, Fourth Edition – Tony Gaddis & Godfrey Muganda - Pearson, ISBN: 9780137502813



Catalog Course Description

An in-depth discussion and practice using the Java language.

Prerequisites

Prerequisite: CIS 230 Introduction to Programming. Corequisite: CIS 380 Systems Analysis and Design.

Course Objectives / Learning Outcomes

1. Students will have a basic and advanced understanding of the structure and syntax of the Java Programming language.
2. Students will have a basic and advanced understanding of the program development process.
3. Students will experience developing algorithms for solving simple business problems and be able to express those algorithms using Java.

Teaching Methods

Computer lab demonstrations and lectures, assigned readings, hands-on assignments, etc.

Canvas

The Canvas system will be used as a primary means to distribute class materials and information. You must check the Canvas frequently for class announcements, quizzes, assignments, and exam information.

Attendance Policy

Please make sure you attend class, and keep up with all the assignments. No late assignments will be accepted.

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:46:57 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:35:50 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:47:44 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Intermediate Programming
Course Number:		DSIS 240
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Prerequisite: DSIS 230 Introduction to Programming. Corequisite: DSIS 380 Systems Analysis and Design.
Course Description		The course covers intermediate concepts of object-oriented programming using an advanced programming language such as Java. It covers object-oriented programming concepts such as advanced algorithm development, modeling using UML, design concepts, pattern development, and application architecture. It is intended to be a second course in programming concepts.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please print the final version of this form, apply the appropriate signatures, and send to your College Admin.

1. Purpose/Justification for a **New** to Course:
A new course with a DSIS prefix is being created to replace the CIS prefix to reflect the name change of the major from Computer Information Systems to Data Science and Information Systems.
2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
Yes, the Computer Science program currently requires CIS 240 and they will need to update their degree requirements to include this course instead of CIS 240 which will no longer be provided. Physics and Math also list CIS 240 as an elective.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None.
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.

- Prepare assignments and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member or administrator).

Students with Disabilities

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Course Evaluation Methods

1. Exams -- 400 points (Mid-term and Final 200 points each).
2. Seven assignments (490 points total, 70 points each): Assignments are due at the specified time on the due date.

Late assignments will NOT be accepted and will receive a zero.

3. Participation (110 points) will include in-class activities such as quizzes, programming tasks, group work, etc.
4. There might be extra credit opportunities throughout the semester. Extra credit assignments can't be made up.
5. Grades: The grading scale is as follows: 90% to 100%, A; 80%-89%, B; 70% - 79%, C; 60% - 69%, D; Below 60%, F.
6. Although I sympathize with personal conflict (need a B to graduate, need a C to stay in school, etc.), I believe that they cannot validly be considered in grade calculations. Giving personal considerations to one student is unfair to the rest of the class. Therefore, personal conflicts will not be considered in grade calculation. So, please do not ask.

Note

The instructor reserves the right to amend and reorganize this syllabus at any time.

**Link to Syllabus supplement
Supplement**

Course Outline

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August 22 nd	Introduction to Computers and Java	Assignment 1
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- Refrain from giving or receiving inappropriate assistance.



Instructor: Dr. David Sikolia
Office: Kelce 223H
Hours: TBD
Phone: 620-235-6040
E-mail: dsikolia@pittstate.edu

Textbook

Starting Out with Java: From Control Structures through Data Structures, Fourth Edition – Tony Gaddis & Godfrey Muganda - Pearson, ISBN: 9780137502813



Catalog Course Description

The course introduces students to the basic elements and concepts of object-oriented programming. The language used as the tool to convey the concepts of programming will be a programming language such as Visual Basic or C++.

Prerequisites

MATH 019 Intermediate Algebra or MATH 110 College Algebra with Review or MATH 113 College Algebra.

Course Objectives / Learning Outcomes

1. Students will have a basic and advanced understanding of the structure and syntax of the Java Programming language.
2. Students will have a basic and advanced understanding of the program development process.
3. Students will experience developing algorithms for solving simple business problems and be able to express those algorithms using Java.

Teaching Methods

Computer lab demonstrations and lectures, assigned readings, hands-on assignments, etc.

Canvas

The Canvas system will be used as a primary means to distribute class materials and information. You must check the Canvas frequently for class announcements, quizzes, assignments, and exam information.

Attendance Policy

Please make sure you attend class and keep up with all the assignments. All assignments must be on time to be accepted.

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Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:48:49 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:35:17 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:47:13 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

7. Will any additional student fees be required (e.g. equipment, clothing, travel, licensing, etc.)? ^{No}
If "yes," complete the Course Fee Form on the Provost's website, it will need to gain approval of the President's Council.
8. Objectives/Student Learning Outcomes for NEW courses only, as it will appear in the syllabus:
Attach with upload.
9. Assessment Strategies (e.g. exams, projects, university rubric, etc.), as it will appear in the syllabus:
Attach with upload.

Course Numbers cannot be changed, only created.

	Existing	New/Proposed
Title:		Introduction to Programming
Course Number:		DSIS 230
Credits:		3
Grading System:	A-F, IN <input type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>	A-F, IN <input checked="" type="checkbox"/> IP <input type="checkbox"/> P/F <input type="checkbox"/>
Pre/Co-Requisite(s):		Prerequisite: MATH 019 Intermediate Algebra or MATH 110 College Algebra with Review or MATH 113 College Algebra.
Course Description		The course introduces students to the basic elements and concepts of object-oriented programming. The language used as the tool to convey the concepts of programming will be a programming language such as Visual Basic or C++.

Faculty Senate Course Form

Effective Date: Fall 2024 Submission Date:
Department: KUSB College of: Business
Contact Person: Alex Binder Chair

Course: New

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation," to allow for review and questions. Any modifications should be saved as "original file name. v2.docx" and uploaded as well.

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2. Is this related to, and/or affect, any other department/college/unit curricula or programs at Pittsburg State University? *Whether "Yes" or "No" response, please provide an explanation. Provide documentation of any discussions (e.g. copies of emails, memos, etc.) that have occurred.*
Yes, the Computer Science program currently requires CIS 230 and they will need to update their degree requirements to include this course instead of CIS 230 which will no longer be provided. Physics, Math, and Geography also list CIS 230 as an elective.
3. Will this course be required of any education majors? **No**
If "yes," this requirement will need to have the approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation" in SharePoint.
4. What additional costs will be required for revising this course (e.g. staffing, equipment, etc.)?
None
5. Are additional resources required (e.g. library or multimedia resources, technology, space, major expense etc.)? **Explain:**
No. The resources required for this course will be repurposed from the CIS equivalent.



Students shall:

- Refrain from class disturbances.
- Arrive on time and remain until dismissed at all class sessions and to notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Prepare for and participate in all classes.
- Treat fellow students, staff, faculty and administrators with respect.
- Prepare assignments and exams honestly.
- Avoid plagiarism or unacknowledged appropriation of another's work in any academic work. Refrain from giving or receiving inappropriate assistance.
- Dress appropriately, avoiding clothing that is revealing, provocative, or includes offensive language or visuals. Dress as a professional when appropriate at ceremonies and interviews.
- Respect University property and use resources in the most effective and efficient manner.
- Be fair and constructive in the evaluation of faculty.
- Obey the policies, regulations, and laws of the United States of America, The State of Kansas, The Kansas Board of Regents, Pittsburg State University and the Gladys A. Kelce College of Business.

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

Course Evaluation Methods

Exams (2)	200 points		
Final Exam	130 points		
Labs (6)	300 points		
Assignments/quizzes up to	<u>110 points</u>		
	740 points		
A (90 – 100%)	B (80 – 89%)	C (70 – 79%)	D(60 – 69%)

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Computer Information Systems
DSIS130-01
Location: TBD
Time: TBD

Teaching Methods

These will include lectures and readings from the textbook as well as various homework assignments. There will be some online tutorials available as well as online assignments. There will be lab assignments for each of the Microsoft Office products.

Canvas

Notes from the lectures will be posted on Canvas. There will be online assignments posted on Canvas as quizzes. The descriptions for the Microsoft Office labs will be posted on Canvas, and the final file for each Lab assignment will need to be uploaded to Canvas. The exams will also be online in Canvas.

Attendance Policy

Students are expected to attend class regularly and participate in the activities of the class. Exams will be given on the days indicated in the Syllabus. Any student requesting a different time must contact the instructor at least one week prior to the posted exam date. If there is an emergency, the instructor must be notified as soon as possible and at least one day prior to returning to class.

Assignments and Labs are expected to be turned in on time. The due dates will be posted in Canvas. **Assignments and Labs turned in late will not be accepted.**

Classroom Conduct

Students should conduct themselves appropriately as outlined in the Academic Integrity Policy described below.

Each student is responsible for his/her own assignments. Any student who copies another's work or provides a copy of his/her work to another student will receive a zero for that assignment. Any student who repeats this offense will receive an "F" for the course and may be subject to dismissal from the University due to Academic Misconduct.

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.



- Goal #1: Students should be able to communicate effectively.
- Goal #2: Students should be able to think critically.
- Goal #3: Students should be able to function responsibly in the world in which they live.

Sample Course Schedule

August	21	Introduction to Course		16	MS Excel Demo II
	23	Computer System Overview		18	LAB 3: MS Excel II
	25	Application Software		20	LAB 3: MS Excel II
	28	Application Software		23	LAB 3: MS Excel II
	30	System Software		25	Database Basics
September	1	System Software		27	DB Tables and Relationships
	4	Labor Day Holiday		30	DB Queries / Review
	6	Computer System Hardware	November	1	Exam 2
	8	Data Representation		3	MS Access Demo I
	11	Data Representation		6	LAB 4: MS Access I
	13	Review		8	LAB 4: MS Access I
	15	Exam 1		10	LAB 4: MS Access I
	18	Internet and World Wide Web		13	MS Access Demo II
	20	Internet and World Wide Web		15	LAB5: MS Access II
	22	Networking and Security		17	LAB5: MS Access II
	25	Networking and Security		20	Thanksgiving
	27	Ethics and Computers		22	Thanksgiving
	29	Ethics and Computers		24	Thanksgiving
October	2	MS Word Demo		27	LAB5: MS Access II
	4	LAB 1: MS Word		29	LAB5: MS Access II
	6	LAB 1: MS Word	December	1	MS Powerpoint Demo
	9	MS Excel Demo I		4	LAB6: MS Powerpoint
	11	LAB 2: MS Excel I		6	LAB6: MS Powerpoint
	13	LAB 2: MS Excel I		8	Review
				13	Final Exam



KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Computer Information Systems
DSIS130-01
Location: TBD
Time: TBD

Instructor: Mr. Dwight Strong
Office: TBD
Hours: TBD
Phone: 620-235-4540
E-mail: dstrong@pittstate.edu (Please email me in Canvas email)

Textbook

There is no textbook for this course. All content is in Canvas.

Catalog Course Description

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, databases, and a survey of programming languages.

Prerequisites

None

Course Objectives / Learning Outcomes

After completing this course a student should be able to:

1. Identify the specifications and configurations of computer hardware.
2. Identify the role of an operating system.
3. Use the Internet to find information and determine its credibility.
4. Use word processing software to create, edit, and produce professional documents.
5. Create spreadsheets and charts for problem-solving.
6. Utilize a database.
7. Use presentation software to create, edit, and produce professional presentations.
8. Identify the ethical and social standards of conduct regarding the use of information and technology.
9. Identify security threats and solutions.
10. Identify the specifications and legal use of computer software
11. Identify basic components of computer networking for home or small networks
12. Articulate the ways a computer represents common forms of data

General Education Goals

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 10/25/23 Signature, Chairperson:  Digitally signed by Alexander Binder
Date: 2023.10.25 14:46:11 -05'00'

-Approved: College Curriculum Committee

Date: 1/11/24 Signature, Committee Chair:  Digitally signed by Mary Jo Goedeke
Date: 2024.01.11 10:34:45 -06'00'

-Approved: Dean of College

Date: 1/11/24 Signature, Dean:  Digitally signed by Paul W. Grimes
Date: 2024.01.11 15:45:24 -06'00'

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: 03/08/2024 Signature, Committee Chair: 

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

CURRICULUM REVISIONS

Title:	Existing	Proposed
<p>Curriculum: (Do not include GenEd)</p>	<p>BS Career & Technical Education: Technology & Engineering Education</p> <p>Technology and Engineering Education Content Core (27 hours) ___ GT-190 Introduction to Technological Systems (2 hours) ___ GT-191 Foundations of Technology and Engineering (2 hours) ___ GT-300 Engineering Design and Problem Solving (3 hours) ___ GT-320 Communication Systems in Technology (3 hours) ___ GT-330 Engineering Materials and Processes (3 hours) ___ GT-340 Power/Energy/Transportation Systems (3 hours) ___ GT-360 Computer Aided Drafting for Automated Manufacturing (3 hours) ___ GT-370 Construction Systems Technology (2 hours) ___ GT-380 Manufacturing Enterprise (3 hours) ___ GT-390 Fundamentals of Robotics and Coding (3 hours)</p> <p>Technology and Engineering Education Professional Core (12 hours) ___ TE-420 Professional Development (3 hours) ___ TE-479 Effective Teaching Strategies for Middle and Secondary Laboratory (1 (3 hours) ___ TE-496 Organization and Management for Technology and Engineering Education (2 hours) ___ TE-551 Integrated Technology for Educators (3 hours) ___ TE-679 Senior Assessment in Technology and Engineering Education (1 hour)</p> <p>Technical Specialization Sequence (9 hours) See notes *1 Notes *1: Student will need to select one emphasis and complete the 9 hours sequence.</p> <p>Customized Technical Sequence See notes *2 Notes *2: Nine hours of coursework related to a technical field from Technology and Engineering Education licensure as identified by KSDE, subject to approval by TWL chair.</p> <p>Architectural Manufacturing Management and Technology ___ AMMT-185 Fundamentals of Architectural Manufacturing (3 hours) ___ AMMT-282 Machine Processes in Architectural Manufacturing (3 hours) ___ AMMT-226 CAD for Architectural Product Development (3 hours) or ___ AMMT-383 Computer-Aided Manufacturing (CAM) in Architectural Manufacturing Technology (3 hours) or ___ AMMT-412 Overlay and Laminate Materials (3 hours)</p> <p>Automotive ___ AT-210 Brake Systems (3 hours) ___ AT-211 Steering, Alignment and Suspension (3 hours) ___ AT-213 Engine Systems (3 hours)</p> <p>Construction ___ CMCET-133 Construction Graphics (3 hours) ___ CMCET-235 Methods of Construction-Light Frame and Finishes (2 hours) ___ CMCET-330 Mechanical Systems (HVAC) (3 hours) or ___ CMCET-331 Electrical Systems (3 hours) or ___ CMCET-334 Methods of Construction-Site-work and Steel (3 hours) or ___ CMCET-335 Methods of Construction-Concrete and Masonry (3 hours)</p> <p>Digital Media ___ GIT-231 Audio/Video Software (3 hours) ___ GIT-318 Photography (3 hours) ___ GIT-432 Digital Media Design (3 hours)</p> <p>Electronics Engineering ___ EET-144 D.C. Circuit Analysis Methods (3 hours) ___ EET-244 Logic Circuits (3 hours) ___ EET-347 Computer Programming for Electronic Systems (3 hours)</p> <p>Graphic Design ___ GIT-141 Vector Based Graphics (3 hours) ___ GIT-142 Raster Graphics Software (3 hours) ___ GIT-249 Page Layout Software (3 hours)</p> <p>Manufacturing Engineering ___ MFGET-263 Manufacturing Methods I (2 hours) and ___ MFGET-268 Manufacturing Methods I Laboratory (1 hour) ___ MFGET-363 Principles of Tool Design (3 hours) ___ MFGET-347 Manufacturing Methods II (4 hours)</p> <p>Metals Engineering ___ MFGET-162 Welding Processes and Procedures (3 hours) ___ MFGET-567 Principles of Metalcasting (3 hours) ___ MFGET-568 Metalcasting Processing Laboratory (2 hours)</p> <p>Plastics Engineering ___ PET-180 General Plastics Laboratory (1 hour) and ___ PET-185 General Plastics (3 hours) ___ PET-572 Plastics Processing I Laboratory (1 hour) and ___ PET-273 Plastics Processing I (3 hours) ___ PET-281 Plastics Tasting Technology (3 hours)</p> <p>Web Design ___ GIT-221 Web User Experience (3 hours) ___ GIT-322 Web Site Design (3 hours) ___ GIT-323 Web and Motion Graphics (3 hours) or ___ GIT-421 Interactive Media Design (3 hours)</p> <p>Professional Education (17 hours) ___ EDUC-261 Explorations in Education (3 hours) ___ PSYCH-263 Developmental Psychology (3 hours) ___ EDUC-370 Organization and Management of the Middle and Secondary Classroom (2 hours) ___ PSYCH-357 Educational Psychology (3 hours) Note: Must be admitted to Teacher Education to enroll. ___ SPED-510 Overview of Special Education (3 hours) ___ EDUC-520 Methods and Materials for Academic Literacy (3 hours) Note: Must be admitted to Teacher Education to enroll.</p> <p>Professional Semester (17 hours) ___ TE-579 Supervised Student Teaching and Follow-Up of Teachers (2 hours) ___ EDUC-451 Methods and Curriculum (3 hours) ___ EDUC-464 Measurement and Evaluation (2 hours) ___ EDUC-475 Supervised Clinical Experience (3 hours)</p> <p>Total 120 credit hours for a Bachelor of Science degree with a Major in Career and Technical Education, Technology and Engineering Education Emphasis.</p>	<p>BS Career & Technical Education: Technology & Engineering Education</p> <p>Technology and Engineering Education Content Core (31 hours) ___ GT-191 Foundations of Technology and Engineering (2 hours) ___ GT-210 Technology in the World Today (3 hours) ___ GT-300 Engineering Design and Problem Solving (3 hours) ___ GT-320 Communication Systems in Technology (3 hours) ___ GT-330 Engineering Materials and Processes (3 hours) ___ GT-340 Power/Energy/Transportation Systems (3 hours) ___ GT-350 Technology and Civilization (3 hours) ___ GT-360 Computer Aided Drafting for Automated Manufacturing (3 hours) ___ GT-370 Construction Systems Technology (2 hours) ___ GT-380 Manufacturing Enterprise (3 hours) ___ GT-390 Fundamentals of Robotics and Coding (3 hours)</p> <p>Technology and Engineering Education Professional Core (9-10 hours) ___ TWL-294 Technology Laboratory Internship (1-2 hours) ___ TE-420 Professional Development (3 hours) ___ TE-479 Effective Teaching Strategies for Middle and Secondary Laboratory () (3 hours) ___ TE-496 Organization and Management for Technology and Engineering Education (2 hours)</p> <p>Technical Specialization Sequence (9 hours) ___ TBCH-XXX Technical Elective (3 hours) ___ TBCH-XXX Technical Elective (3 hours) ___ TBCH-XXX Technical Elective (3 hours)</p> <p>Note: Nine hours of coursework related to a technical field from Technology and Engineering Education licensure as identified by KSDE, subject to approval by TWL chair.</p> <p>Professional Education (20 hours) ___ PSYCH-155 General Psychology (3 hours) ___ EDUC-261 Explorations in Education (3 hours) ___ PSYCH-263 Developmental Psychology (3 hours) ___ EDUC-370 Organization and Management of the Middle and Secondary Classroom (2 hours) ___ PSYCH-357 Educational Psychology (3 hours) Note: Must be admitted to Teacher Education to enroll. ___ SPED-510 Overview of Special Education (3 hours) ___ EDUC-520 Methods and Materials for Academic Literacy (3 hours) Note: Must be admitted to Teacher Education to enroll.</p> <p>Professional Semester (16 hours) ___ TE-579 Supervised Student Teaching and Follow-Up of Teachers (2 hours) ___ EDUC-458 Methods and Curriculum (3 hours) ___ EDUC-464 Measurement and Evaluation (2 hours) ___ EDUC-475 Supervised Clinical Experience (9 hours)</p> <p>Suggested Courses to complete 120 hours (X) Design ___ MECET-121 Engineering Graphics I (3) ___ MECET-226 Engineering Graphics II (3) ___ MECET-323 Industrial Graphics (3) ___ CMCET-133 Construction Graphics (3) ___ IND-110 Interior Design Studio Fundamentals (3) ___ IND-120 Software Application for Interior Design (2) ___ GIT-230 Graphic Design Fundamentals (3) ___ WPM-226 CAD for Wood Product Development (3) ___ WPM-326 CAD for Wood Product Development II (3)</p> <p>Teacher Preparation ___ EDTH-330 Technology for Teaching and Learning (3)</p> <p>Total 120 credit hours for a Bachelor of Science degree with a Major in Career and Technical Education, Technology and Engineering Education Emphasis.</p>

Authorization/Notification Sign-Off Sheet

-Approved: Department Chairperson

Date: 12/13/23 Signature, Chairperson: Andrew M. Kille

-Approved: College Curriculum Committee

Date: 01/26/2024 Signature, Committee Chair: Byron McKay

-Approved: Dean of College

Date: 02/07/24 Signature, Dean: [Signature]

-Approved: Council for Teacher Education (if applicable)

Date: _____ Signature, Council Chair: _____

-Approved: University Undergraduate Curriculum Committee

Date: _____ Signature, Committee Chair: _____

-Approved: Faculty Senate

Date: _____ Signature, Recorder Faculty Senate: _____

Originating Department(s): After completing this form, in its entirety, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.