



Pittsburg State University

College of Technology Program Guide

Degree: Bachelor of Applied Science
Major: Technology (Technology and Workforce Learning)
Emphasis/Option: Technology Management Emphasis
Minor (if required):

As of Fall 2015

Business Support Courses

Business Courses (9 hours)

MGMKT 327: Organizational Theory and Behavior3
MGMKT 444: Legal and Social Environment of Business3
MGMKT 629: Human Resource Management3
or MGMKT 330: Basic Marketing3

MGMKT 330 or approved 300 and above business-related elective (e.g. TQM)

Technology Management Emphasis Courses

Technology Management (Organization and Leadership)# (12 hours)

TM 606: Industrial Supervision3
TM 503: Facility Maintenance and Management3
or WT 602: Manufacturing Facility Maintenance and Management3
EST 393: Introduction to Industrial Safety3
or EST 396: Introduction to Construction Safety3
or EST 512: Risk Assessment3
or EST 604: Occupational Health and Safety3
or EST 630: Safety Management3
TM 500: Industrial Organization and Technology Management3

EST 393 or approved substitute safety course

Technical Specialization, Support and Electives

Technical Specialization Courses (40 hours)

(These are community college transfer credits; technical component of AAS degree)

Technology Management Support Courses (15 hours)

TM 399: Technology Management Professional Development2
MFGET 405: Quality Control3
TM 501: Work Measurement and Efficiency Methods3
TM 520: Leadership in the Workplace3
TM 683: Internship in Technology Management3-6
TM 699: Senior Assessment in Technology Management1

MFGET 405 or approved substitute

Electives (Business, Education, and Technology classes selected in consultation with advisor) (12 hours)

GENERAL EDUCATION REQUIREMENTS (Minimum 36 hours)

| | | |
|---------------------|---|----------------|
| Basic Skills | | 9 hours |
| COMM | 207 Speech Communication..... | 3 |
| ENGL | 101 English Composition..... | 3 |
| ENGL | 299 Introduction to Research Writing..... | 3 |
| OR ENGL | 301 Technical/Professional Writing..... | 3 |

ENGL 301 or substitute
COMM 207 or substitute

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|--|--|----------------|
| Behavioral, Social, History & Political Studies | | 6 hours |
| SOC | 100 Introduction to Sociology | 3 |
| or POLS | 101 U.S. Politics | 3 |
| or HIST | 201 American History to 1865 | 3 |
| or GT | 350 Technology and Civilization | 3 |
| or TM | 350 Societal Influence of Technology | 3 |
| PSYCH | 155 General Psychology | 3 |
| or PSYCH | 575 Industrial and Organizational Psychology | 3 |

TM 350 or Social Science and/or Political Studies Elective

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|--------------------|--|----------------|
| Mathematics | | 6 hours |
| MATH | 113 College Algebra..... | 3 |
| or MATH | 114 Elements of Technical Analysis | 3 |
| MATH | 143 Elementary Statistics | 3 |

MATH 114 or mathematics substitute
MATH 143 or math substitute (MATH 143 required for MFGET
405 Quality Control)

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|-----------------------------------|---|----------------|
| Sciences (Minimum 6 hours) | | 8 hours |
| BIOL | 113 Environmental Life Science | 4 |
| PHYS | 171/172 Physical Science and Laboratory | 4 |

BIOL 113 or natural science substitute
PHYS 171 or physical science substitute

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|--------------------------------|--------------------------------|----------------|
| Producing and Consuming | | 3 hours |
| ACCTG | 201 Financial Accounting | 3 |

ACCTG 201 or approved business substitute

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|--|---|----------------|
| Fine Arts (Select one) | | 3 hours |
| ART | 178 Introduction to the Visual Arts | 3 |
| COMM | 105 Performance Appreciation | 3 |
| COMM | 205 Performance Studies | 3 |
| HHP | 151 Dance Appreciation | 3 |
| MUSIC | 120 Music Appreciation | 3 |
| Approved Humanities (e.g., Ethics) | | 3 |

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| Cultural Studies (Select one) | | 3 hours |
| GEOG | 300 Elements of Geography..... | 3 |
| GEOG | 304 Human Geography | 3 |
| Approved elective from cultural studies | | 3 |

Notes

NOTE: The information contained herein is intended to be used for the planning of a student's academic program and does not constitute a contract. While this guide was prepared with the latest information, courses, graduation requirements, and curricula are subject to change.

When a student attains 85 semester hours of credit (including current enrollment) the student must apply for a degree check in the Office of the Registrar (Degree Checking Section), Room 102 Russ Hall.

MINIMUM GENERAL REQUIREMENTS: The minimum requirements for graduation include 124 semester hours of which 60 hours must be from a four year university. In addition, 45 semester hours must be upper division and 30 hours in residence at PSU (including 24 of the last 30). Minimum GPA for non-education degree is 2.0 overall [2.0 in major], secondary education degree is 2.5 overall [2.75 in major], and early/late childhood/unified degree is 2.80 overall [3.0 in major]. A minimum GPA of 2.0 in any minor and in residence coursework is required. General Education and all degree requirements are provided in the online catalog. Refer to individual departments for specific requirements.