Pittsburg State University

College of Technology Program Guide

Degree: Bachelor of Applied Science
Major: Technology (Automotive Technology)
Emphasis/Option: Diesel and Heavy Equipment Emphasis
Minor (if required):

As of Fall 2013

Business Support Courses

Business Courses

MGMKT 327: Organizational Theory and Behavior 3
MGMKT 444: Legal and Social Environment of Business 3
MGMKT 629: Human Resource Management 3
or MGMKT 330: Basic Marketing 3

Diesel and Heavy Equipment Emphasis Courses

Technology Management (Organization and Leadership)#

TTED 606: Industrial Supervision 3
AT 690: Dealership and Manufacturer Management 3
TM 500: Industrial Organization and Technology Management 3
EST 393: Introduction to Industrial Safety 3

#Training (Technical-Related Education and Education) courses may be substituted for candidates interested in more of a “training emphasis”.

Technical Specialization, Support and Electives

Technical Specialization

Technical courses from 2-Year associate degree (40 hours)

Automotive Technical Support Courses

MFGET 405: Quality Control 3
AT 300: Automotive Internship (____) 3-6
AT 399: Automotive Professional Development 2
AT 400: Automotive Internship (____) 3-6
AT 621: Advanced Diesel Electronics and Diesel Engine Lab 3
AT 699: Automotive Senior Seminar 1

AT 300 and AT 400 should be taken for 3 hours each.

MGFET 405 can be substituted through approval.

Technical Electives (Select 9 hours from below)#

AT 414: Automatic Transmissions 3
AT 519: Fuels, Combustion and Lubricants 3
AT 630: On Highway Systems 3
AT 640: Off Highway Systems 3
AT 654: Advanced Hydraulic Systems and Off Highway Systems Laboratory 3
MFGET 160: Manufacturing Graphics 3
MFGET 261: Computer Aided Part Design 3
Technical elective approved by advisor 3-6

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GENERAL EDUCATION REQUIREMENTS

Basic Skills

ENGL	101	English Composition	3
ENGL	299	Introduction to Research Writing	3
or ENGL 301		Technical/Professional Writing	3
COMM	207	Speech Communication	3

COMM 207 as well as ENGL 301 can have other courses substituted in their place.

Behavioral, Social, History & Political Studies

PSYCH	155	General Psychology	3
or PSYCH 680		Human Relations in the Workplace	3
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
or Social Science and/or Political Studies Elective			3

Mathematics

MATH	113	College Algebra	3
or MATH 114		Elements of Technical Analysis	3
MATH	143	Elementary Statistics	3

MATH 114 as well as MATH 143 can be substituted by another mathematics course.

Sciences *(Minimum of 6 hours)*

BIOL	113	Environmental Life Science	4
PHYS	171	Physical Science	3
PHYS	172	Physical Science Laboratory	1

BIOL 113 can be substituted by another natural science course.

PHYS 171 can be substituted by another physical science course.

Producing and Consuming

ACCTG	201	Financial Accounting	3
or Approved business substitute			3

Fine Arts *(Select one)*

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

Cultural Studies *(Select one)*

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.