



Pittsburg State University

Department of

AUTOMOTIVE TECHNOLOGY

Degree: **Bachelor of Applied Science** (2+2 ONLINE)

Major: **Technology (Automotive Technology)**

Emphasis: **Automotive Transportation Management ONLINE**

As of Fall 2020

NOTE: This degree program is designed for part-time students who are workplace bound and unable to travel.

Business Support Courses

Business Courses (6 hours)

MGT 330: Management and Organizational Behavior	3
MKTG 330: Principles of Marketing	3

Automotive/Transportation Management Emphasis Courses

Technology Management (Organization and Leadership)

AT 410: Data Analysis and Management in the Transportation Industry	1
AT 580: Dealership Service Operations	3
AT 682: Dealership Sales Operations	3
AT 687: Corporate Sales, Service and Parts Management	3
TM 500: Industrial Organization and Technology Management	3

Or an approved substitute safety or management course

Technical Specialization, Support and Electives

Technical Specialization

Technical courses from 2-year Associate Degree (40 hours)

Automotive Technical Support Courses (3 hours)

AT 399: Professional Development in the Transportation Industry	2
AT 699: Senior Seminar	1

Technical Electives (Select 15 hours from below)

AT 300: Automotive Internship	3
AT 301: Fundamentals of Collision Technology	3
AT 400: Automotive Internship	3
AT 414: Automatic Transmissions	3
AT 416: Fluid Power	3
AT 418: Failure Analysis	3
AT 519: Mobile Fuels, Lubricants, and Alternate Fuels	3
AT 522: Alternate Fuels in Transportation	3
AT 620: Hybrid, Electric, and Fuel Cell Vehicles	3

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

General Education Requirements

Basic Skills (9 hours)

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 (6 hours)

PSYCH 155: General Psychology	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 (6 hours)

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

MATH 114 and/or 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 (3 hours)

ACCTG 201: Financial Accounting	3
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or approved business substitute 3

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

Cultural Studies (Select one) (3 hours)

GEOG 300: Elements of Geography	3
GEOG 304: Human Geography	3
Approved elective from cultural studies	3

Total hours required 120

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 120 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 major 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.

Business Support Courses (9 hours)		Spring	Summer	Fall
MGT 330	Management and Organizational Behavior	offered	N/O	N/O
MKTG 330	Principles of Marketing	N/O	offered	N/O
Automotive/Transportation Management Emphasis Courses				
Technology Management (Organization and Leadership)				
AT 580	Dealership Service Operations	N/O	offered	N/O
(9 hours from below)				
TM 606	Industrial Supervision	N/O	N/O	N/O
AT 687	Corporate Sales, Service and Parts Management	N/O	N/O	N/O
TM 500	Industrial Organization and Technology Management	offered	offered	N/O
EST 393	Introduction to Industrial Safety	N/O	N/O	N/O
EST 512	Risk Analysis	N/O	offered	N/O
TM 679	Professional Presentations	Offered	N/O	offered
HRD 753	Workforce Development	N/O	N/O	N/O
Technical Specialization, Support and Electives				
Automotive Technical Support Courses (12 hours)				
AT 300	Automotive Internship	offered	offered	offered
AT 399	Professional Dev.in the Transportation Industry	offered	N/O	offered
AT 301	Fundamentals of Collision Technology	offered	N/O	offered
AT 620	Hybrid, Electric, and Fuel Cell Vehicles	N/O	offered	N/O
AT 699	Senior Seminar	offered	N/O	offered
Technical Electives (12 hours)				
AT 400	Automotive Internship	N/O	offered	N/O
AT 410	Data Analysis and Management (Excel)	offered	N/O	offered
AT 416	Fluid Power	offered	N/O	N/O
AT 414	Auto Trans	offered	N/O	offered
AT 418	Failure Analysis	N/O	N/O	N/O
AT 522	Alternate Fuels in Transportation	N/O	offered	offered
AT 641	Construction Equipment Systems	offered	N/O	offered
AT 654	Advanced Hydraulics	offered	N/O	offered
AT 682	Dealership Sales Operation	N/O	N/O	N/O

General Education Requirements	Spring	Summer	Fall
Basic Skills (9 hours)			
ENGL 101 English Composition	offered	offered	offered
ENGL 299 Introduction to Research Writing	offered	offered	offered
ENGL 301 Technical/Professional Writing	offered	offered	offered
Comm 207 Speech Communication	offered	offered	offered
Behavioral, Social, History & Political Studies (6 hours)			
PSYCH 155 General Psychology	offered	offered	offered
SOS 100 Introduction to Sociology	offered	offered	offered
POLS 101 U.S. Politics	N/O	offered	N/O
HIST 201 American History to 1865	offered	N/O	N/O
GT 350 Technology and Civilization	N/O	Offered	N/O
TM 350 Social Influence of Technology	N/O	N/O	Offered
Mathematics (6 hours)			
Math 113 College Algebra	N/O	offered	N/O
Math 114 Elements of Technical Analysis	N/O	N/O	N/O
Math 143 Elementary Statistics	offered	offered	N/O
Sciences (6 hours)			
BIOL 113 Environmental Life Science	offered	offered	offered
PHYS 171 Physical Science	offered	offered	offered
PHYS 172 Physical Science Laboratory	offered	offered	offered
Producing and Consuming (3 hours)			
ACCTG 201 Financial Accounting	offered	N/O	N/O
Fine Arts (3 hours)			
ART 178 Introduction to the Visual Arts	N/O	offered	N/O
COMM 105 Performance Appreciation	N/O	N/O	N/O
COMM 205 Performance Studies	N/O	N/O	N/O
HHP 151 Dance Appreciation	N/O	N/O	N/O
MUSIC 120 Music Appreciation	offered	offered	offered
Cultural Studies (3 hours)			
GEOG 300 Elements of Geography	N/O	offered	offered
GEOG 304 Human Geography	offered	N/O	N/O