Pittsburg State University

Department of
AUTOMOTIVE TECHNOLOGY

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

Major: **Technology (Automotive Technology)**

Emphasis: Collision Repair and Insurance Management   As of Fall 2020

Business Support Courses

Business Courses   **(9 hours)**
MGT 330: Management and Organizational Behavior 3
MGMKT 444: Legal and Social Environment of Business 3
MGT 540: Human Resources Management 3
OR MKTG 330: Principles of Marketing 3

Collision Repair and Insurance   Management Emphasis Courses

Technology Management (Organization and Leadership)
AT 580: Dealership Service Operations 3

(Select 9 hours from below)
TM 606: Industrial Supervision 3
AT 687: Corporate Sales, Service and Parts Management 3
EST 293: Introduction to Industrial Safety 3
EST 296: Introduction to Construction Safety 3
MFGET 405: Quality Control 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   **(12 hours)**
AT 300: Automotive Internship 3
AT 399: Professional Development in the Transportation Industry 2
AT 562: Damage Analysis, Estimating, and Insurance Appraisal 3
AT 620: Hybrid, Electric, and Fuel Cell Vehicles 3
AT 699: Senior Seminar 1

Technical Electives   **(Select 12 hours from below)**
AT 210: Brake Systems 3
AT 211: Steering, Alignment, and Suspension 3
AT 213: Engine Systems 3
AT 301: Fundamentals of Collision Technology 3
AT 314: Manual Transmissions and Drivelines 3
AT 340: Diesel Engine Fundamentals 3
AT 400: Automotive Internship 3
AT 414: Automatic Transmissions 3
AT 415: Mobile Climate Systems 3
AT 418: Failure Analysis 3
AT 462: Structural/Non-Structural Damage Analysis 3
AT 515: Engine Performance 3
AT 662: Automotive Finishing and Refinishing 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
S0C 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
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