Salina Area Technical College
Associate of Applied Science
Major: Automotive Technology

General Education Requirements (15 HRS)
- COM 102 Interpersonal Communication ..........3
- Or COM 105 Public Speaking .........................3
- CSA 105 Intro to Computer Applications ..........3
- ENG 100 Technical Writing ..........................3
- Or ENG 101 English Composition I .................3
- HUM 101 Ethics in the Workplace ..................3
- Or PSY 101 General Psychology ....................3
- MAT 101 Technical Math .............................3
- Or MAT 150 College Algebra ........................3

Automotive Technology Focus (53 HRS)
- AUT 100 Shop Safety/Management ................1
- AUT 109 Steering and Suspension 1 ...............3
- AUT 110 Steering and Suspension 2 ...............2
- AUT 131 Engine Performance 1 ....................3
- AUT 135 Electrical 1 ................................3
- AUT 140 Electrical 2 ................................2
- AUT 132 Engine Performance 2 ....................4
- AUT 133 Engine Performance 3 ....................3
- AUT 155 Automotive Diesel Technologies ........1
- AUT 160 Hybrid/Electric Vehicles .................1
- AUT 235 Electrical 3 ................................3
- AUT 240 Electrical 4 ................................2
- AUT 115 Engine Repair 1 ............................3
- AUT 120 Engine Repair 2 ................................3
- AUT 221 Manual Drive Train 1 .....................1
- AUT 241 Auto Transmission and Transaxles 1 ....3
- AUT 242 Auto Transmission and Transaxles 2 ....3
- AUT 146 Brakes 1 ......................................2
- AUT 150 Brakes 2 ......................................2
- AUT 210 Automotive HVAC .........................4
- AUT 222 Manual Drive Train 2 .....................3
- AUT ASE Preparation ..................................1

TOTAL SATC HOURS ..................................68

Pittsburg State University
Bachelor of Applied Science degree with a
Major in Technology (Automotive)

Business Support Courses (9 HRS)
- MGT 330: Mgmt and Organizational Behavior ....3
- MGMT 444: Legal and Social Env. of Business ..3
- MGT 540: Human Resource Management ........3
- Or MKTG 330: Principals of Marketing ............3

Technology Management (12 HRS)
- AT 580: Dealership Service Operations ............3
- Select 9 hours from below
- TM 606: Industrial Supervision ....................3
- AT 695: Corporate Service and Part Management .3
- AT 687: Corporate Sales, Service, and Parts
  Management ...........................................3
- EST 393: Introduction to Industrial Safety ........3
- EST 396: Introduction to Construction Safety .....3
- MFGET 405: Quality Control .......................3
- or approved substitute safety or management course

Technical Specialization
- Technical courses earned in 2-year Associate degree
  at SATC .............................................40

Automotive Technical Support Courses (12 HRS)
- AT 300: Automotive Internship .....................3-6
- AT 399: Prof. Devel. in the Transportation Industry ..2
- AT 515: Engine Performance ........................3
- AT 620: Hybrid, Electric, and Fuel Cell Vehicles ....3
- AT 699: Senior Seminar ................................4

Technical Electives (12 HRS)
- AT 301: Fundamentals of Collision Technology ....3
- AT 314: Manual Transmission 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 416: Fluid Power ................................3
- AT 418: Failure Analysis ................................3
- AT 462: Structural and Non-Structural Analysis ....3
- AT 515: Engine Performance ........................3
- AT 519: Mobile Fuels, Lubricants & Alternate Fuels .3
- AT 562: Damage Analysis, Estimating, and Insurance
  Appraisal ..............................................3

For more information please contact:
Dr. John Thompson, Department Chairperson, Automotive Technology • jthompso@pittstate.edu
620-235-6516 • www.pittstate.edu/department/auto/about-the-department

Pittsburg State University/SATC Transfer Equivalency
www.pittstate.edu/academics/2-plus-2-programs

PittState 2+2
Salina Area Technical College
Total SATC Hours

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620-235-6516 • www.pittstate.edu/department/auto/about-the-department
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AT 630</td>
<td>On Highway Systems</td>
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<tr>
<td>AT 635</td>
<td>Advanced Engine Performance</td>
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<td>AT 641</td>
<td>Construction Equipment Systems</td>
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<td>AT 650</td>
<td>Dynamometer and Performance Testing</td>
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<td>AT 662</td>
<td>Automotive Finishing and Refinishing</td>
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<td>ENGL 101</td>
<td>English Composition</td>
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<td>ENGL 299</td>
<td>Introduction to Research Writing</td>
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<td>or ENGL 301</td>
<td>Technical/Professional Writing</td>
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<td>COMM 207</td>
<td>Speech Communication</td>
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<td>PSYCH 155</td>
<td>General Psychology</td>
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<td>SOC 100</td>
<td>Introduction to Sociology</td>
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<td>or POLS 101</td>
<td>US Politics</td>
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<td>or HIST 201</td>
<td>American History to 1865</td>
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<tr>
<td>or GT 350</td>
<td>Technology and Civilization</td>
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<td>or TM 350</td>
<td>Societal Influence of Technology</td>
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<td>or Social Science and/or Political Studies Elective</td>
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<td>MATH 113</td>
<td>College Algebra</td>
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<td>or MATH 114</td>
<td>Elements of Technical Analysis</td>
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<td>MATH 143</td>
<td>Elementary Statistics</td>
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<td>BIOL 113</td>
<td>Environmental Life Science</td>
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<td>PHYS 171</td>
<td>Physical Science</td>
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<td>PHYS 172</td>
<td>Physical Science Laboratory</td>
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<td>ACCTG 201</td>
<td>Financial Accounting</td>
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<td>or Approved business substitute</td>
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<td>ITSC 1309</td>
<td>Integrated Software Applications I</td>
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<td>COMM 105</td>
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<td>Dance Appreciation</td>
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<td>MUSIC 120</td>
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<td>GEOG 300</td>
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<td>GEOG 304</td>
<td>Human Geography</td>
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**TOTAL PSU HOURS** ............................................ 64–67
(with appropriate substitutions)