

# PittState 2+2

Pittsburg State/Salina Tech Transfer Equivalency  
www.pittstate.edu/academics/2-plus-2-programs



## 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 ..... 2
- 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 ..... 3
- 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
- MGMKT 444: Legal and Social Envir. 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 ..... 1

### 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:**

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- AT 630: On Highway Systems .....3
- AT 635: Advanced Engine Performance.....3
- AT 641: Construction Equipment Systems .....3
- AT 650: Dynamometer and Performance Testing.....3
- AT 662: Automotive Finishing and Refinishing .....3

**General Education Requirements Basic Skills (9 HRS)**

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

**Behavioral, Social, History, and Political Studies (6 HRS)**

- PSYCH 155: General Psychology .....3
- SOC 100: Introduction to Sociology .....3  
or POLS 101: US 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

**Mathematics (6 HRS)**

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

**Sciences (6 HRS)**

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

**Producing and Consuming (3 HRS)**

- ACCTG 201: Financial Accounting .....3  
or Approved business substitute .....
- ITSC 1309: Integrated Software Applications I .....3

**Fine Arts (3 HRS)**

- 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  
or Approved Humanities (e.g.;Ethics).....3

**Cultural Studies (3 HRS)**

- GEOG 300: Elements of Geography .....3
- GEOG 304: Human Geography .....3  
or Approved elective from Cultural Studies .....3

**TOTAL PSU HOURS ..... 64-67**  
**(with appropriate substitutions)**