

## CAREER DEVELOPMENT

### Four-Year BAS Program Automotive Service Technology

For those who want to take their career to another level, this program offers students who have graduated from any corporate-affiliated (e.g., Ford, GM, Chrysler, Toyota, etc.) or generic service technician program the opportunity to extend their education and training at **Pittsburg State University's College of Technology** in



Kansas Technology Center

Pittsburg, Kansas. In fact, all associate degree graduates (with a minimum of 2.5 GPA) can automatically transfer up to 64 college credits to Pittsburg State. Graduates receive a Bachelor of Applied Science (Automotive Service Technology) by taking a minimum of **60 additional hours, in as little as two years.**

Like the two-year technician programs, this bachelor degree gives you complete, hands-on training for a real-world job. But in addition, this four-year program gives you engineering technology, theory, logic, leadership, and business skills to broaden your knowledge, better prepare you for management opportunities, and make you a more versatile employee. You'll also have access to on-campus housing, as well as scholarship and internship opportunities.

### Classes

Program coursework is comprehensive, specialized, and well-rounded. Your course areas will include those similar to the types you took in the associate program, but with an emphasis in:

- Service Management
- Manufacturing Management
- Diesel and Heavy Equipment

**The total program consists of course work in the following areas:**

**General Education** (min. 36 credit hours, including courses in two-year program)

- English (including technical writing)
- Speech
- Math
- Science
- Computer applications
- Humanities
- Social Sciences
- Language and Culture

**Business Support Courses** (min. 12 credit hours from AACSB-accredited program)

- Accounting
- Org Theory & Behavior
- Legal & Social Environment of Business
- Marketing

**Technical/Professional Courses** (approximately 76 credit hours)

- Automotive service courses (40+ credit hours from 2-Yr program)
- Tech Organization & Leadership courses (12 credit hours)
  - Industrial Supervision
  - Industrial Safety (or approved substitute)
  - Service Management Seminar
  - Industrial Organization & Technology Management
- Tech Support and elective courses (24 credit hours)
  - Quality Control/Process Improvement
  - Internships
  - Professional development and senior seminar courses
  - Technical electives related to automotive service, manufacturing, business, and technical training; selected based on career objectives.

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Requirements for **Bachelor of Applied Science in Tech** Degree: **BAS**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Major: **Automotive Service Technology** Option: **N/A**

Minor: \_\_\_\_\_ Year of Relevant Catalog: **2007-09**

<b>GENERAL EDUCATION</b>	<b>Hours</b>	<b>300+</b>
<b>Basic Skills</b>	<b>9</b>	
ENGL 101 English Composition		
*ENGL 299 Research Writing __, or		
ENGL 301 Tech Writing __, or sub _____	3	
COMM 207 Speech, or sub; _____	3	
<b>Behavioral, Social, History &amp; Political Studies</b>	<b>6</b>	
SOSCI Social Science Elective _____	3	
(SOSCI 100 Sociology; 101 Amer Gov't; HIST 201;		
GT/TM 350 Tech & Civ; or Soc. &/or Pol. Studies)		
*PSYCH 680 Human Relations in Ind. Settings or		
PSYCH 155 General Psychology	3	
<b>Mathematics</b>	<b>6</b>	
MATH 113 College Algebra (or)		
MATH 114 Elements of Technical Analysis (or)		
math substitute _____	3	
MATH 143 Elementary Statistics		
(MATH 143 required for MFGET 405) (or)		
math substitute: _____	3	
<b>Natural Sciences (Minimum 6)</b>	<b>8</b>	
BIOL 113 Environmental Life Science	4	
(or science sub: _____)		
PHYS 171/172 Physical Science	4	
(or science sub: _____)		
<b>Producing and Consuming</b>	<b>3</b>	
ACCTG 201 Financial Accounting (or)		
Approved business substitute _____	3	
<b>Fine Arts (Humanity course)</b>	<b>3</b>	
General Education Fine Arts courses (Art 102 or		
103; or COMM 105 or 205; or HPER 151; or		
MUSIC 120, or approved Humanities (e.g., Ethics)	3	
<b>Languages and Culture</b>	<b>3</b>	
SOSCI 304 Human Geography (or)		
SOSCI 300 Elements of Geography (or)		
SOSCI 303 Intro to Geographic Info Systems (or)		
Approved elective from this area	3	
	<b>36-39</b>	<b>0-12</b>

(TOTAL GENERAL EDUCATION REQUIRMENT min. 36 [\_\_ from 2-YR program and \_\_ from PSU])

<b>BUSINESS SUPPORT COURSES</b>	<b>HOURS</b>	<b>300+</b>
<b>Business Courses</b>	<b>9</b>	<b>9</b>
MGMKT 327 Org Theory & Behavior	3	3
MGMKT 444 Legal & Soc Env. of Business	3	3
MGMKT 629 Human Resource Mngmnt (or)		
MGMKT 330 Basic Marketing (or		
Approved 300+ Business elective, e.g., TQM)	3	3
	<b>9</b>	<b>9</b>
<b>TECHNICAL COURSES</b>		
<b>Tech Management (Organization &amp; Leadership)</b>	<b>12</b>	<b>12</b>
TTED 606 Industrial Supervision	3	3
EST 603 Industrial Safety or approved substitute		
safety course _____	3	3
AT 690 Automotive Merchandising (or)		
AT 691 Automotive Service Management	3	3
TM 500 Ind. Org. & Tech Management	3	3
	<b>12</b>	<b>12</b>
<b>Technical Specialization, Support, &amp; Electives</b>		
<b>Technical Specialization</b>		
Technical courses from 2-Yr associate program	<b>40</b>	
<b>Technical Support</b>	<b>9</b>	<b>9</b>
MFGET 405 Quality Control or		
approved substitute	3	3
AT 399 Automotive Professional Development (2)		
& AT 699 Senior Seminar/Assessment (1)	3	3
AT 615 Engine Performance Lab	3	3
	<b>9</b>	<b>9</b>
<b>Tech Electives (Select 15 hours from below:)</b>	<b>15</b>	<b>9-15</b>
AT 300 Internship	3	3
AT 400 Internship	3	3
AT 414 Automatic Transmissions	3	3
AT 519 Fuels and Lubricants	3	3
MFGET 160 Manufacturing Graphics	3	
MFGET 261 Computer-Aided Part Design	3	
_____	3	
* _____	3	
	<b>85</b>	<b>39-45</b>

GRAND TOTAL (Gen. Ed., Business & Tech) 124 45  
 \* May select training courses (e.g., technical instructor)

### Graduation Requirements

Minimum Total Hours	124	_____
Minimum 4-Yr Credit Hrs.	60	_____
Minimum 300+ Credit Hrs.	45	_____
PSU Residence Requirement	30	_____

### NAIT Minimum Requirements

General Education	21	_____ (24)
Math	06	_____ (06)
Science	06	_____ (06-09)
Management	12	_____ (21)

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 available on 06/21/08, courses, graduation requirements, and curricula are subject to change.

