

# Fact Sheet

Pittsburg State University

## TECHNOLOGY—AUTOMOTIVE EMPHASIS MS in Technology—Automotive Emphasis --- Online Degree

The Departments of Technology and Workforce Learning and Automotive Technology offer courses leading to the Master of Science degree with a Major in Technology—Automotive Emphasis. Designed for the working individual, this program is now available fully online. The program offers a core of course work in research, global issues, leadership, quality systems and management, and statistics-based analysis. Candidates must have an undergraduate degree in automotive technology or related area to be fully admitted to the program.

**By taking six hours each semester, students can complete the program in two years.** The curriculum is planned to provide graduate-level preparation for individuals working in various automotive and transportation-related fields. All candidates must complete the 15 credit-hour core. The candidate, with advisor approval, can select the remaining 18 hours of online enrichment electives and automotive emphasis courses to address his or her specific career goals.

### Contacts for the Degree

For questions regarding the degree, please contact one of the following for additional information:

Dr. Eli Aba,  
**Coordinator for MST**  
eaba@pittstate.edu  
620-235-4639

Dr. John Thompson  
**Chairman,**  
**Department of Automotive Technology**  
john.thompson@pittstate.edu  
620-235-6516



### MS in Technology—Automotive Technology Emphasis (On-Line Program)

<b>PREREQUISITE DEGREE</b>		<b>ENRICHMENT ELECTIVES</b>	<b>9</b>
Automotive Technology or Related Field		Select any three (3) courses from below:	
		<b>Product/Project Improvement</b>	
		ETECH 831 Value Engineering	
		ETECH 809 Engineering Project Mngnt	
		<b>Professional Development</b>	
		HRD 879 Professional Presentations (or)	
		HRD 893 Diversity in Workplace	
		<b>Technical Expertise Development</b>	
		Graduate-level courses from technical specialization area or special topics courses selected in consultation with advisor. A maximum of 6 hours of 500/600 level courses may be applied to degree.	
		<b>EMPHASIS COURSES</b>	<b>9</b>
		Select any three (3) courses from below:	
		AT 879 Emerging & Future Power Systems in Transportation Industry	
		AT 890 Transportation Industry Service Management & Product Support	
		AT 795 Special Topics in Automotive Approved Automotive elective courses (3 to 9 hours)	
		<b>Total Credit Hours</b>	<b>33</b>

### CORE COURSES 15

Select one (1) course from **each core area**:

#### Research

GRT 891 Research Methods in Technology (or)

HRD 891 Methods of Research

#### Statistics-Based Analysis

ETECH 899 Quantitative Decision Making

#### Quality Systems

ETECH 804 Quality Management & Control

#### Global Issues

GRT 750 Technology & Society or

GRT 801 Global Perspectives of Technology

#### Leadership

HRD 804 Leadership Techniques and Procedures