

Automotive Technology

THE PROGRAM

Today's complex array of gas-engine, flex-fueled, hybrid electric vehicles with computerized systems need a qualified and highly trained professional with a degree in Automotive Technology for maintenance and repair. The Program gives students a comprehensive educational base with hands-on experience in our modern auto-shop.

Students who complete the A.A.S. degree in Automotive Technology will be ready to enter the profession with confidence. Students interested in pursuing a career in other Automotive Technology professions will be prepared to enter related Bachelor degree programs to gain additional education and leadership skills required for non-mechanic professions in the industry.

The Automotive Technology Program is part of the Transportation, Distribution & Logistics Career Cluster: The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. For more information, visit www.careertech.org/career-clusters/.

CAREER OPPORTUNITIES

With an emphasis in both mechanical and electronic areas, the Kish College Automotive Technology Program prepares students for careers with a broad range of employers, including: auto dealers, independent repair shops, auto manufacturers, engine distributors and dealers, competition race teams, and car care chains.

BASIC AUTOMOTIVE TECHNOLOGY

Curriculum No. 416

The basic certificate in automotive technology is designed for the student who wants to learn automotive fundamentals and enter the field of automotive servicing and repair. Instruction is designed to provide basic entry-level skills suitable for service station or general garage work. Requires 24 credit hours. Gainful employment information for certificates in the Automotive program can be found at www.kish.edu/automotive.

ONE YEAR PROGRAM			
Fall Semester			
AMT 100	Automotive Orientation		(3)
AMT 116	Basic Automotive Electrical		(3)
AMT 125	Automotive Braking Systems		(3)
AMT 133	Automotive Engines I		(3)
Spring Semester			
AMT 127	Engine Management I		(3)
AMT 129	Auto Heating/Air Conditioning		(3)
AMT 131	Automotive Steering/Suspension		(3)
AMT 135	Manual Trans & Drivelines		(3)

Additional Sources of Information:

DEPARTMENT

Tim Banasiak, Assistant Professor
 815-825-9818
tbanasiak@kish.edu

STUDENT SERVICES

Advising
 815-825-9375

ADVANCED AUTOMOTIVE TECHNOLOGY

Curriculum No. 417

This certificate program provides an intermediate step between the basic automotive certificate and the Automotive Technology A.A.S. degree program. Students successfully completing this certificate program should possess the necessary knowledge and skills needed to work as an entry-level automotive technician. Requires 46 credit hours. Gainful employment information for certificates in the Automotive program can be found at www.kish.edu/automotive.

FIRST YEAR			
Fall Semester			
AMT 100	Automotive Orientation		(3)
AMT 116	Basic Automotive Electrical		(3)
AMT 125	Automotive Braking Systems		(3)
AMT 133	Automotive Engines I		(3)
Spring Semester			
AMT 127	Engine Management I		(3)
AMT 129	Auto Heating/Air Conditioning		(3)
AMT 131	Automotive Steering/Suspension		(3)
AMT 135	Manual Trans & Drivelines		(3)
SECOND YEAR			
Fall Semester			
AMT 205	Advanced Chassis Systems		(3)
AMT 223	Engine Management II		(3)
AMT 225	Automatic Transmissions I		(3)
AMT 233	Automotive Body Electronics		(3)
Spring Semester			
AMT 229	Automotive Service & Repair		(4)
AMT 231	Engine Management III		(3)
	AMT Elective		(3)

AMT ELECTIVES			
AMT 217	Advanced Drivelines & 4X4		(3)
AMT 219	Hybrid & Electric Vehicle Tech		(3)
AMT 235	Automatic Transmission II		(3)
AMT 227	Automotive Engines II		(3)