

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. Requires 61 credit hours.

Students who complete the A.A.S. degree in Automotive Technology will be ready to enter their profession with confidence. Students interested in pursuing a career in other Automotive Technology professions will be prepared to enter bachelor's degree Programs in the field 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.

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)
COM 100	Oral Communication OR	
COM 108	Communication in the Workplace	(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)
	General Education Electives	(15)

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)
ENG 109	Introduction to Tech Report Writing OR	
ENG 103	Composition I	(3)
Spring Semester		
AMT 231	Engine Management III	(3)
AMT 229	Automotive Service & Repair	(4)
	AMT Elective	(3)
	Science Elective	(3)
	Humanities/Social Science Elective	(3)

AMT ELECTIVES:		
AMT 217	Advanced Drivelines & 4x4	(3)
AMT 219	Hybrid & Electric Vehicle Tech	(3)
AMT 227	Automotive Engines II	(3)
AMT 235	Automatic Transmissions II	(3)

Additional Sources of Information:

DEPARTMENT

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STUDENT SERVICES

Advising
 815-825-9375