

BACHELOR OF SCIENCE DEGREE AUTOMOTIVE TECHNOLOGY

DIVISION OF CAREER & TECHNICAL EDUCATION

The Bachelor of Science (B.S.) degree in Automotive Technology is designed to prepare an individual for a wide variety of technology-based careers in a pathway emphasizing the Automotive Industry.

Graduates with the Bachelor of Science degree in Automotive Technology will find employment in administrative and supervisory positions in automotive industry-related organizations and assume responsibilities in areas of product development, post-production support, customer sales and service support, distribution, and training. Graduates will have the practical skills, technical knowledge, and organizational competencies required of mid-level management personnel.

The courses will enhance the student's level of technical competency, computer, math, and science skills, effective communication and interpersonal skills, substantiate workplace and social ethics, the ability to work in teams, and to continue to pursue professional development and lifelong learning.

Required Courses - Both Pathways		Units
AUTO 300	*Assessment of the Automotive Industry	3
AUTO 310	*The Global Development and Advancement of the Automobile.....	3
AUTO 320	*The Progressive Growth of Automotive Technology.....	3

Technical Pathway		Business & Marketing Pathway	
Required Courses	Units	Required Courses	Units
AUTO 340	*Analyzing Vehicle Electrical/ Electronic Systems.....	AUTO 350	*Principles of Automotive Service Management.....
	3		3
AUTO 360	*Analyzing Vehicle Fuels, Lubricants, and Combustion.....	AUTO 370	*Standard Accounting Systems of the Automotive Industry.....
	3		3
AUTO 400	*Analyzing Vehicle Stability, Dynamics, and NVH.....	AUTO 410	*Digital Marketing for the Automotive Industry.....
	3		3
AUTO 420	*Analyzing Dynamic Functions of Vehicle Drivetrain Systems.....	AUTO 430	*Finance and Insurance Regulations for the Automotive Industry.....
	3		3
AUTO 440	*Analyzing Vehicle Safety, Comfort, and Security Systems.....	AUTO 450	*Variable and Fixed Operations of the Automotive Industry.....
	3		3
AUTO 499	*Directed Study in Automotive Technology.....	AUTO 499	*Directed Study in Automotive Technology.....
	4		4
Total Units Required 28		Total Units Required 28	
<i>*Prerequisite</i>		<i>*Prerequisite</i>	