

Program of Study

Career Field: Industrial, Manufacturing, and Engineering Systems

Career Cluster: Transportation, Distribution, and Logistics

Career Pathway: Facility and Mobile Equipment Maintenance



Mid-Plains Community College

DEGREE:

Automotive Technology

<http://programs.mpcc.edu/Automotive.html>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Diesel Mechanics Welding	Intro to the Transportation, Distribution and Logistics Industry Mobile Equipment Preventative Maintenance Systems/Basic Care Mobile Equipment Maintenance and Repair	<i>School Activities:</i> SkillsUSA, OPPD/NPPD PowerDrive, DECA, FFA, Math Club <i>Community Activities:</i> Learn to drive a tractor or truck, Read automotive and mechanical magazines, Learn automotive repair and maintenance, Take Drivers Education			
	10	English/Language Arts II	Geometry	Biology	World History						
	11	English/Language Arts III	Algebra II	Chemistry	American History						
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics	American Government or Economics						
MID-PLAINS COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13 and 14	Basic Technical Communications	General Math A		Personal Finance		Safety	Mechanical Electrical	Auto Elect System Dia & Repair	Gas Engine Design & Fundamentals	Automotive Engine Repair
		Fundamentals of Speech Communication					Body Controls	Auto Suspension System	Auto Brakes Systems	Wheel Alignment	Auto Parts Management I
							A/C and Climate Control	Applied Automotive Welding	Auto Drive Lines	Standard Transmissions	Automatic Transmissions
							Automotive Service Management I	Automotive Service Management II	Auto Fuel Systems	Engine Performance & Drive	ASE Certification