



**Program of Study**  
**Career Field: Industrial, Manufacturing, and Engineering Systems**  
**Career Cluster: Transportation, Distribution, and Logistics**  
**Career Pathway: Facility and Mobile Equipment Maintenance**



**Western Nebraska Community College**

DEGREE:  
 Automotive Technology (D2.4706D)

<http://www.wncc.net/programs/majors/AUTO.html>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
<b>HIGH SCHOOL</b>	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship CAD (Computer Aided Drafting) Automotive Repair Diesel Mechanics Information Technology App. I 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 Power Drive, Ford/AAA Auto Skills, DECA, FFA, Math Club  <i>Community Activities:</i> Learn to drive a tractor or truck, Learn automotive repair and maintenance, Read automotive and mechanical magazines, Take Drivers Education, Learn to operate a forklift			
	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						
<b>WNCC</b>		<b>COMMUNICATIONS</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL SCI/HUMANITIES</b>	<b>DEGREE REQUIREMENTS</b>	<b>MAJOR COURSES</b>				
	13 and 14	Work Place Writing	Business Mathematics		Any ANTH, ECON, HIST, POLS, PSYC or SOC course	Business Ethics	Auto Body Welding	Automotive Internet & Computer Skills	Engine Rebuilding I	Engine Rebuilding II	Automotive Transmissions & Manual Transaxles
		Public Speaking					Manual Transmissions & Differential Axles	Automotive Suspension, Steering and Alignment	Automotive Brake Systems	Automotive Anti-Lock Brake Systems	Automotive Electrical Systems
							Automotive Heating & Air Conditioning	Electrical Tune-Up	Fuel Systems & Carburetion	Auto Parts & Service Advisor Specialist	Advanced Computer Systems
							Specialized Electronics	Air Conditioning R12	Air Conditioning R134A		