



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 (AOS.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		
HIGH SCHOOL	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						
WNCC		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13 and 14	Business Communications	Business Mathematics	Science Elective Course	Any ANTH, ECON, GEOG, HIST, POLS, PSYC or SOCI class	Business Ethics	Basic Welding Auto Body	Automotive Internet & Computer Skills	Specialized Electronics	Engine Rebuilding I	Engine Rebuilding II
						Career Capstone	Fuel Systems & Carburetion	Automatic Transmissions & Manual Transaxles	Manual Transmissions & Differential Axles	Air Conditioning R12	Automotive Suspension, Steering and Alignment
		Speech Communications				Personal Finance	Automotive Brake Systems	Automotive Anti-Lock Brake Systems	Advanced Computer Systems	Automotive Electrical Systems	Air Conditioning R134A
							Automotive Heating & Air Conditioning	Auto Parts & Service Advisor Specialist	Electrical Tune-Up	Fuel Systems & Carburetion	