



Facility and Mobile Equipment Maintenance

Course Overview: Focuses on careers in the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services.

Career Goal (O*NET Code): Repairer/Mechanic (Diesel, Automotive Service, Automotive Body, Rail Car, Ship/Motorboat, Aircraft/Airframe, Electronics) (49-3023), Automotive Specialty Technician (Bus, Truck, Bicycle, Glass, Tire) (49-3023), Facility Maintenance Manager (49-1011).

Student Name: _____

Grade: _____

School: _____

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Touch Systems Data Entry		Curricular Experiences: SkillsUSA	Extracurricular Experiences: Language Immersion Programs Manufacturer Specific Programs School Newspaper Student Government UIL Academic Competitions Yearbook
	High School	9th	Core Courses:	English I Algebra I or Geometry Biology		
Career-Related Electives:			Principles of Transportation or Distribution and Logistics			
10th		Core Courses:	English II Geometry or Alg II Chemistry	World History Languages other than English II		
		Career-Related Electives:	Energy, Power and Transportation Systems or Business Information Management I			
11th		Core Courses:	English III Algebra II or Pre-Cal Physics or Princ of Technology	United States History Professional Communications		
		Career-Related Electives:	Automotive Technology			
12th	Core Courses:	English IV Alg III, Pre-Calculus, or AP Calculus Science Elective	Government/Economics Fine Arts			
	Career-Related Electives:	Advance Automotive Technology				
Postsecondary	On-the-Job Training	Auto Diesel Mechanic Diesel Mechanic Truck Mechanic	NOTE: These experiences may be started and/or completed as part of the high school experience.		Career Options: Mechanic Military Service Technician	Professional Associations: Alliance of Automobile Manufacturers American National Standards Institute Automotive Service Excellence Automotive Parts & Accessories Association Engine Manufacturers Association Industrial Truck Association Motor & Equipment Manufacturers Association National Automotive Technicians Education Foundation Society of Automotive Engineers Texas Motor Transportation Association
	Certificates	Alternate Fuels Technician Automobile/Light Truck	Automotive Service Excellence Diesel Mechanic	I-CAR OSHA CareerSafe		
	Associate Degrees	Business Applied Automotive Technology Auto Body Technology	Engineering Automotive Technology/Diesel & Heavy Equipment	Management		
Bachelor Degrees	Accounting Business Management	Engineering	International Business	Career Options: Industrial Engineer Manager		
Graduate Degrees	Aerospace Engineering	Business Management	Engineering	Career Options: Contracting Instructor/Professor Research and Development		

COLLEGE CREDIT OPPORTUNITIES -- High School

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses (Tech Prep), if possible. List those courses that count for college credit on your campus.

Students may select other elective courses for personal enrichment purposes.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2009. All plans meet high school graduation requirements as well as college entrance requirements.