



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



Southeast Community College

DEGREE:
 Diesel Technology- Truck

<http://www.southeast.edu/programs/DESLT/default.aspx>

	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 & Cultures Physical Education Health Education Entrepreneurship Automotive Repair Computer Aided Drafting (CAD) Diesel Mechanics Information Technology Applications I Welding	Intro to the Transportation, Distribution & Logistics Industry Mobile Equipment Preventative Maintenance Systems/Basic Care Mobile Equipment Maintenance & Repair	<i>School Activities:</i> SkillsUSA, Ford/AAA Auto Skills, OPPD/NPPD, PowerDrive, 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						
SOUTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH/SCIENCE	SOCIAL SCI/HUMANITIES	COMPUTER TECHNOLOGY	FOCUS COURSES					
	13 and 14	Public Speaking	Business Mathematics	Interpersonal Relations	Microsoft Applications	Electrical Systems I	Batteries & Cranking Motors	Electronic Ignition & Charging Systems	Power Trains I	Diesel Welding	Hand & Precision Measuring Tools
		Written Communications	College Algebra	Personal Finance	Computer Literacy	Theory of Engine Operation	Theory of Fuel System Operations	Valve Trains	Engine Overhaul & Inspection	Diesel and Gas Fuel Injection	Electrical/Electronic Systems I
			Descriptive Physics			Conventional Transmissions and Clutches	Truck Final Drives	Preventative Maintenance and Inspection	Air Brakes	Steering and Suspension	Hydraulic Brakes
						Basic Hydraulics	Heating & Air Conditioning I	Automatic Truck Transmissions	Electrical Systems III	Electronic Diesel Engine Diagnosis & Tune-Up	Cooperative Education