



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- Farm

<http://www.southeast.edu/programs/DESLF/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	Basic Electrical	Cranking Motors & Ignition Systems	Charging Systems	Power Trains I	Hand & Precision Measuring Tools	Oxyacetylene and Arc Welding
		Written Communications	College Algebra	Personal Finance	Computer Literacy	Theory of Engine Operation	Theory of Fuel System Operation	Valve Trains	Diesel Engine Overhaul & Inspection	Diesel & LPG Fuel Systems I	Basic Cab Air Conditioning
			Descriptive Physics			Diesel Fuel Injection Systems II	Mobile Hydraulics	Diesel Fuel Injection Systems Lab	Post-Cooperative Education Seminar	Cooperative Education	Farm Equip Diesel Engine Tune-up & Diagnosis
						Farm Equipment Electricity	Farm Equipment Power Trains	Advanced Air Conditioning	Planting Equipment	Harvesting Equipment	Tillage & Spraying Equipment