



**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:  
 Ford ASSET (Automotive Student Service Educational Training)  
<http://www.southeast.edu/programs/Ford/default.aspx>

	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 & 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						
<b>SOUTHEAST COMMUNITY COLLEGE</b>		<b>COMMUNICATIONS</b>	<b>MATH/SCIENCE</b>	<b>SOCIAL SCI/HUMANITIES</b>	<b>DEGREE REQUIREMENTS</b>	<b>FOCUS COURSES</b>					
	13 and 14	Public Speaking	Business Mathematics	Interpersonal Relations	Microsoft Applications	Ford Shop Orientation	Ford Shop Safety & Repair	Ford Welding	Ford Fundamentals	Ford Electrical & Electronic Principles	Ford Brake Systems
		Written Communications	Intermediate Algebra	Personal Finance	Computer Literacy	Dealer Cooperative Experience	Engine Performance Theory & Operation	Ford Climate Control	Ford Engine Repair	Dealer Cooperative Experience	Manual Transmission, Transaxles, Clutches, and Transfer Cases
			Descriptive Physics			Ford Diesel Fuel & Emission Systems	Ford Rear Axle & Driveline	Engine Performance Diagnosis & Testing	Dealer Cooperative Experience	Ford Steering & Suspension Systems	Ford Body Electrical & Electronics
						Ford Automatic Transmissions & Transaxles	Ford New Product Update				