



**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:  
 Deere Construction & Forestry Equipment Tech  
<http://www.southeast.edu/programs/JDCF/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>COMPUTER TECHNOLOGY</b>	<b>FOCUS COURSES</b>					
	13 and 14	Public Speaking	Business Mathematics	Interpersonal Relations	Microsoft Applications	Deere Orientation	Deere Fundamentals & Safety	Deere Welding I	Deere Electrical/Electronics I	Deere Theory of Engine Operation	Deere Fuel Systems
		Written Communications	Descriptive Physics	Personal Finance	Computer Literacy	Deere Engine Repair	Deere Engine Performance	Deere Cooperative Education	Deere Electrical/Electronics II	Deere HVAC	Deere Adv Fuel Systems & Eng Diagnostics
						Deere Mechanical Power Trains	Deere Hydraulics	Deere Hydraulics Drives	Deere Welding II	Dealer Cooperative Education	Deere Back Hoes/Landscape Loaders
						Deere Excavators	Deere Crawler Dozers/Loaders	Deere Motor Graders	Deere Four Wheel Drive Loaders	Deere Skid Steer Loaders	Deere 4WD Tractors/ Articulated Truck