



Program of Study

Career Field: Environmental and Agricultural Systems

Career Cluster: Agriculture, Food, and Natural Resources

Career Pathway: Power, Structural, and Technical Systems



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			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages & Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship Animal Science Horticulture Agribusiness Nursery/Landscape Design	Intro to Environmental and Ag Sciences Power, Structural, & Technical Systems <i>Plus two from the following:</i> Adv. Power, Structural, & Tech. Systems Agricultural Mechanics & Technology Welding, Advanced Welding Metal Fabrication Structural Fabrication Biotechnical Engineering	<i>School Activities:</i> FFA, SkillsUSA <i>Community Activities:</i> 4-H, Grow your own garden, Recycle, Tour an agribusiness, Work on a farm during the summer, Join professional organizations in this career cluster, Part-time employment available within this career cluster, Internships available within this career cluster			
	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 or other science course	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	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