



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:
Automotive Technology

<http://www.southeast.edu/programs/Auto/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 | DEGREE REQUIREMENTS | FOCUS COURSES | | | | | |
| | 13 and 14 | Public Speaking | Business Mathematics | Interpersonal Relations | Microsoft Apps | Shop Procedures | Welding | Shop Safety & Repair | Drive Trains | Automotive Brake Systems | Electrical Concepts |
| | | Written Communications | Descriptive Physics | Personal Finance | Computer Lit | HVAC I | Automotive Fuel and Control Systems | Manual Transmission/Transaxle Theory | Steering & Suspension | Automotive Electricity | HVAC II |
| | | | | | | Engine Theory | Engine II | Automotive Ignition Systems | Automotive Electronics I | Advanced Engine Performance | Automotive Electronics II |
| | | | | | Automatic Transmission/Transaxle | Manual Transmission/Transaxle Lab | | | | | |