### Program of Study

**Career Field:** Industrial, Manufacturing, and Engineering Systems  
**Career Cluster:** Transportation, Distribution, and Logistics  
**Career Pathway:** Facility and Mobile Equipment Maintenance

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<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>GENERAL ELECTIVES</th>
<th>PATHWAY ELECTIVE COURSES</th>
<th>EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES</th>
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| 9     | English/Language Arts I | Algebra I | Physical Science | Geography | World Languages & Cultures | Intro to the Transportation, Distribution & Logistics Industry Mobile Equipment Preventative Maintenance Systems/Basic Care Mobile Equipment Maintenance & Repair | School Activities: SkillsUSA, Ford/AAA Auto Skills, OPPD/NPPD, PowerDrive, DECA, FFA, Math Club  
Community Activities: 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 | Physical Education Health Education Entrepreneurship Automotive Repair Computer Aided Drafting (CAD) Diesel Mechanics Information Technology Applications I Welding | |
| 11    | English/Language Arts III | Algebra II | Chemistry | American History | |
| 12    | English/Language Arts IV | Intro to Statistics Descrete Math Pre-Calc | Physics | American Government or Economics | |

### Communications

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<th>COMMUNICATIONS</th>
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<td>Descriptive Physics</td>
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<td>Computer Literacy</td>
<td>John Deere Fuel Systems John Deere Tractor Performance Dealer Cooperative Education John Deere Heating/Air Conditioning John Deere Electrical/Electronics II John Deere Hydraulics I</td>
</tr>
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</table>

### Southeast Community College

**DEGREE:** John Deere Tech  

**Program of Study Details:**
- **Career Field:** Industrial, Manufacturing, and Engineering Systems
- **Career Cluster:** Transportation, Distribution, and Logistics
- **Career Pathway:** Facility and Mobile Equipment Maintenance

**Focus Courses:**
- John Deere Fundamentals & Safety
- John Deere Orientation
- John Deere Welding
- John Deere Electrical/Electronics I
- John Deere Theory of Engine Operation
- John Deere Engine Repair

**School Activities:**
- SkillsUSA, Ford/AAA Auto Skills, OPPD/NPPD, PowerDrive, DECA, FFA, Math Club

**Community Activities:**
- 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

**School Activities:**
- SkillsUSA, Ford/AAA Auto Skills, OPPD/NPPD, PowerDrive, DECA, FFA, Math Club

**Community Activities:**
- 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

2/11/2011