

Agricultural Engineering Technology - Diesel Technology
John Deere Construction & Forestry Tech Advisement Track

SEMESTER 1

| Class | Credits |
|---|-----------|
| AGEN 111 Introduction to Computing in Ag Engineering Tech | 2 |
| AGEN 116 John Deere Work Experience Orientation | 1 |
| AGEN 151 Basic Welding | 2 |
| AGEN 166 Agricultural Mechanics | 2 |
| AGEN 170 Basic Hydraulics | 3 |
| ENGL 101 Composition | 3 |
| Additional Liberal Arts and Science | 3 |
| FFCS | 1 |
| TOTAL | 17 |

SEMESTER 2

| Class | Credits |
|---|-----------|
| AGEN 132 Fundamentals of Diesel Engine Technology | 3 |
| AGEN 117 Industry Work Experience | 1 |
| PHYS 101 Principles of Physics I | 3 |
| English ENGL 102 or higher | 3 |
| PHED | 1 |
| Additional Liberal Arts and Science | 3 |
| TOTAL | 14 |

SEMESTER 3

| Class | Credits |
|--|-----------|
| AGEN 118 Industry work Experience | 1 |
| AGEN 231 Equipment Electrical and Electronic Systems Troubleshooting | 3 |
| AGEN 274 Construction Equipment Systems | 3 |
| AGEN 285 Equipment Retailing Management | 3 |
| AGEN 292 Fuel Systems | 3 |
| Additional Science/Math | 3 |
| TOTAL | 16 |

SEMESTER 4

| Class | Credits |
|---|-----------|
| AGEN 119 Industry Work Experience | 1 |
| AGEN 232 Power Trains Theory, Diagnostics, and Repair | 4 |
| AGEN 245 Air Conditioning | 2 |
| AGEN 273 Agricultural Hydraulics Troubleshooting | 3 |
| Additional Liberal Arts and Science | 3 |
| AGEN Electives | 1 |
| TOTAL | 14 |