

Agricultural Engineering Technology - Agricultural Power Machinery

John Deere 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 117 Industry Work Experience	1
AGEN 132 Fundamentals of Diesel Engine Technology	3
AGEN 245 Air Conditioning	2
PHYS 101 Principles of Physics I	3
English ENGL 102 or higher	3
PHED	1
Additional Liberal Arts and Science	3
TOTAL	16

SEMESTER 3

Class	Credits
AGEN 118 Industry Work Experience	1
AGEN 231 Equipment Electrical and Electronic Systems Troubleshooting	3
AGEN 241 Agricultural Machinery	4
AGEN 285 Equipment Retailing Management	3
AGEN 292 Fuel Systems	3
TOTAL	14

SEMESTER 4

Class	Credits
AGEN 119 Industry Work Experience	1
AGEN 232 Power Trains Theory, Diagnostics, and Repair	4
AGEN 273 Agricultural Hydraulics Troubleshooting	3
Additional Science/Math	3
Additional Liberal Arts and Science	3
TOTAL	14