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# Agricultural Diesel Mechanics

## Degree Pathway

An Associates of Applied Science Degree emphasizes preparation in the applied arts and sciences for careers, typically at the technical or semi-professional level. This degree totals 67 credits. Consult with an advisor for more information.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Required Courses			
Course ID	Course Title	Credit Hours	Notes
AE100	AC/DC Circuits	4.00	Fall, Spring
AP101	Introduction to Ag Power	6.00	Fall
AP102	Hay and Seeding Systems	2.00	Spring
AP104	Ag Air Conditioning	2.00	Spring
AP107	Ag Equipment Hydraulics	6.00	Fall
AP121	Ag Equipment Electricity	3.00	Fall
AP122	Combine Operation and Repair	2.00	Fall
AP125	Agriculture Equipment Technology & Optimization	1.00	Spring
AP203	Ag Equipment Powertrains	7.00	Spring Prereq: AP101 Introduction to Ag Power.
AP206	Dealership Operations and Procedures	1.00	Spring
AP207	Advanced Ag Equipment Hydraulics	4.00	Spring Prereq: AP107 Ag Equipment Hydraulics.
AP222	Transverse and Axial Combines	4.00	Spring Prereq: AP122 Combiner Operation and Repair.
AP225	Advanced Ag Equipment Systems	4.00	Spring Prereq: AP125 Ag Equipment Technology & Optimization.
AP227	Ag Diesel Diagnostics	3.00	Fall Prereq: AP107 Ag Equipment Hydraulics, and AP221 Advanced Ag Equipment Electricity.
TR120	Work Ethics	2.00	Fall, Spring
TR121	General Industrial Safety/OSHA10	1.00	Fall
Electives			
Course ID	Course Title	Credit Hours	Notes
<b>Ag Diesel Communications Options</b>		<b>3.00</b>	
SH101	Public Speaking T	3.00	Fall, Spring, Summer
★ SH210	Interpersonal Communication T	3.00	Fall, Spring, Summer
<b>Ag Diesel Composition Options</b>		<b>3.00</b>	
EN107	Business English Grammar	3.00	Fall, Spring
★ EN108	Career and Technical Writing	3.00	Fall, Spring
<b>Ag Diesel Math Options</b>		<b>3.00</b>	
★ FM101	Agricultural Mathematics	3.00	Spring

TR100	Technical Math	3.00	Fall, Spring
<b>Ag Diesel Traditional Pathway General Education Options</b>		<b>6.00</b>	
BU105	Introduction to Business ▶	3.00	Fall, Spring, Summer
BU107	Personal Finance ▶	3.00	Fall, Spring, Summer
BU118	Introduction to Leadership ▶	3.00	Fall, Spring

**Total Credits: 67.00**