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## Agricultural Diesel Mechanics - AAS

### Semester-by-Semester 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. Not all courses are offered each semester.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Semester 1 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	AP101	Introduction to Ag Power	6.00	Fall
	AP107	Ag Equipment Hydraulics	6.00	Fall
	AP121	Ag Equipment Electricity	3.00	Fall
	AP122	Combine Operation and Repair	2.00	Fall
	TR121	General Industrial Safety/OSHA10	1.00	Fall, Summer
Electives				
Semester Total:			18.00	

Semester 2 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	AE100	AC/DC Circuits	4.00	Fall, Spring
	AP102	Hay and Seeding Systems	2.00	Spring
	AP104	Ag Air Conditioning	2.00	Spring
	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
	TR120	Work Ethics	2.00	Fall, Spring, Summer
Electives				
Semester Total:			19.00	

Semester 3 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	AP227	Ag Diesel Diagnostics	3.00	Prereq: AP107 Ag Equipment Hydraulics, and AP221 Advanced Ag Equipment Electricity.

Electives			
	Ag Diesel Communications Options	3.00	
	Ag Diesel Composition Options	3.00	
	Ag Diesel Traditional Pathway General Education Options	6.00	
Semester Total:		15.00	

Semester 4 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	AP207	Advanced Ag Equipment Hydraulics	4.00	Prereq: AP107 Ag Equipment Hydraulics.
	AP222	Transverse and Axial Combines	4.00	Prereq: AP122 Combiner Operation and Repair.
	AP225	Advanced Ag Equipment Systems	4.00	Prereq: AP125 Ag Equipment Technology & Optimization.
Electives				
	Ag Diesel Math Options		3.00	
Semester Total:			15.00	

**Total Credits: 67.00**

\*Semester offerings reflect the current academic year.

Ag Diesel Communications Options			
Course ID	Course Title	Credit Hours	Notes
SH101	Public Speaking ▶	3.00	Fall, Spring, Summer
★ SH210	Interpersonal Communication ▶	3.00	Fall, Spring, Summer

Ag Diesel Composition Options			
Course ID	Course Title	Credit Hours	Notes
EN107	Business English Grammar & Composition	3.00	Fall
★ EN108	Career and Technical Writing	3.00	Fall, Spring

Ag Diesel Math Options			
Course ID	Course Title	Credit Hours	Notes
★ FM101	Agricultural Mathematics	3.00	Spring
TR100	Technical Math	3.00	Fall, Spring

Ag Diesel Traditional Pathway General Education Options			
Course ID	Course Title	Credit Hours	Notes
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