

Precision Agriculture—TC

Technical certificates are available for those students who desire preparation for more immediate entry into the work force.

TECHNICAL CERTIFICATE PRECISION AGRICULTURE

Total Program = 31Credit Hours

The fifth digit in the course number indicates the number of credit hours.

First Semester—16 HOURS

ENGL	10103	Freshman English I
MATH	10103	Technical Mathematics (or higher)
AGET	11004	Precision Farming Technologies
ASTM	10003	Introduction to Precision Agriculture
GEOG	12303	Introduction to Geographic Information Systems

Second Semester— 15 HOURS

ASTM	10103	Livestock Precision Systems
ASTM	10203	Unmanned Aerial Vehicles in Precision Agriculture
ASTM	20033	Application Control
ASTM	10033	Planting and Harvesting Systems
ASTM	20103	Precision Farming with Farm Simulator
CSES	28003	Field Crops

Precision Agriculture—CP

The Certificate of Proficiency in Precision Agriculture is designed as a stackable credential within the Technical Certificate in Precision Agriculture. This structure allows students to begin with foundational coursework that can be completed in one semester, providing a fast-track entry into the field. All credits earned through the Certificate of Proficiency seamlessly apply towards the Technical Certificate, enabling students to build on their knowledge and skills without redundancy or loss of credit. This flexible pathway supports both immediate workforce entry and continued academic progression.

CERTIFICATE OF PROFICIENCY PRECISION AGRICULTURE

The fifth digit in the course number indicates the number of credit hours.

Total Program = 9 Credit Hours

Requirements

ASTM	10003	Introduction to Precision Agriculture
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Elective Pool (Choose 6 hours from below)

AGET	11004	Precision Farming Technologies
ASTM	10033	Planting and Harvesting Systems
ASTM	10103	Livestock Precision Systems
ASTM	10203	Unmanned Aerial Vehicles in Precision Agriculture
ASTM	20003	Application Control
ASTM	20103	Precision Farming with Farm Simulator
GEOG	12303	Introduction to Geographic Information Systems