

Course Code: AGC 232

Course Title: Momentum Planter Systems

Department: Agricultural Technologies

Effective Date: Summer 2026

PCS Code: 1.2 - Occupational/Technical Instruction

CIP Code: 47.0605

Repeatability: 0

Credit Hours

Catalog Notation: 2-2-3

Credit Hour Distribution:

Lecture: 2

Lab: 2

Clinical: 0

Total: 3

General Course Information

Catalog Description

Fendt Momentum Planter Systems overview, operations, and diagnostics using appropriate technical manuals and special tools. Emphasis on setup of new planters, evaluation of used planters, repair, and returning to service. In-field adjustments and operations.

General Course Objectives

Students will learn the setup of new Momentum planters, the predelivery adjustments, and diagnosis of failures associated with all planter systems including hydraulic, pneumatic, electrical, and seed delivery.

Minimum Placement Levels

English	Reading	Math
Placement into ENG 098	Placement into CCS 098	Placement into MAT 060

Prerequisites

None

Methods of Evaluation

Students will be evaluated with tests at the end of online training modules. Minimum of 12 exams, 8 lab practicals, and 4 performance evaluations.

Instructional Materials and Additional Supplies

AGCO specific course modules - online content

Students will need the required tool sets for the AGCO Technician program.

Course Content

General Learning Outcomes (GLOs)

- Technology: Students will demonstrate the ability to evaluate, select, and appropriately use current and emerging tools.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Setup of New Momentum Planters	1. Demonstrate setup and predelivery of brand new Momentum planters.	10	10	0
Predelivery and In-field Adjustment of Momentum Planters	1. Demonstrate proficiency in adjustment and operation of Momentum planters.	10	10	0
Planter Inspection After Use; Seed Delivery Systems	1. Evaluate repair need and severity of frames and seed delivery systems.	10	10	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0