

Course Code: AGC 236

Course Title: AGCO Dry Application 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

Introduction and practical application of AGCO dry product application systems. Emphasis on product handling, delivery, and metering on dry crop production products.

General Course Objectives

Gain proficiency in system layout and hydraulic flow control to motors and delivery systems. Students will be able to demonstrate setting up control monitors for intended product rate application.

Minimum Placement Levels

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

Prerequisites

Credit in AGC 155 and AGC 214

Methods of Evaluation

Students will be evaluated with 12 exams, 8 lab practicals, and 4 performance evaluations.

Instructional Materials and Additional Supplies

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
AGCO Dry Product Storage and Delivery	1. Comprehend dry product system safety as applied to operators and technicians. 2. Comprehend component identification and layout.	10	10	0
AGCO Dry Product Setup and Operation	1. Demonstrate proficiency in setting up rate control monitors; understand relationship to applicator hydraulic and power train systems.	10	10	0
AGCO Dry Product Diagnosis and Repair	1. Comprehend technical publications and special tools used to diagnose and repair problems associated with AGCO dry delivery systems.	10	10	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0