Course Information Form (CIF)

Course Code: AGC 234

Course Title: AGCO Combine II

Department: Agricultural Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 47.0605
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 2-2-3
Credit Hour Distribution:

Lecture: 2	Lab: 2	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

In-field and in-shop settings and diagnosis of problems associated with control systems and advanced settings on Gleaner and Ideal combines. Emphasis on productivity and efficiency of threshing systems and powertrain management.

General Course Objectives

Demonstrate proficiency in systems management, productivity of harvesting systems, and efficiency tuning of power production systems.

Minimum Placement Levels

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

Prerequisites

Credit in AGC 233

Methods of Evaluation

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

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
AGCO Combine Systems Management	1. Demonstrate proficiency in knowledge and understanding of AGCO combine system synergies.	10	10	0
AGCO Combine Harvesting Systems Productivities	2. Demonstrate proficiency in maximizing productivity and throughput of AGCO combine harvesting systems.	10	10	0
AGCO Power Production Management	3. Demonstrate proficiency in maximizing fuel efficiency and productivity of the powertrain associated with AGCO combines.	10	10	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0