

Course Code: AGC 239

Course Title: AGCO Tractor Systems II - Massey

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

Massey Ferguson tractor systems including hydraulics, electrical, and control systems.

General Course Objectives

To understand the theory and learn diagnostics on Massey Ferguson tractor hydraulics and electrical systems and their control systems and synergies.

Minimum Placement Levels

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

Prerequisites

Credit in AGC 230

Methods of Evaluation

Students will have a minimum of 13 exams, 4 lab practicals, and 8 performance exams.

Instructional Materials and Additional Supplies

Massey Ferguson tractor modules

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
Massey Tractor Hydraulics	1. Understand the theory, layout, and diagnosis of Massey tractor hydraulic systems.	10	10	0
Massey Tractor Electronics	1. Understand the theory, layout, and diagnosis of Massey electronic control systems and how they synergize with other systems.	10	10	0
Massey Tractor Cab Control Systems	1. Demonstrate cab systems tests.	10	10	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0