PARKLAND COLLEGE

Course Information Form (CIF)

Course Code: AGC 237

Course Title: AGCO Tractor Systems II - Fendt

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

Fendt tractor systems including hydraulics, electrical, and control systems.

General Course Objectives

To understand the theory and learn diagnosis of Fendt 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 171 and 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

Fendt Tractor 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
Fendt Tractor Hydraulics	1. Understand the theory, layout, and diagnosis of Fendt tractor hydraulic systems. 2. Apply test procedures.	10	10	0
Fendt Tractor Electronics	1. Understand the theory, layout, and diagnosis of Fendt electronic control systems and how they synergize with other systems. 2. Demonstrate electrical testing.	10	10	0
Fendt Tractor Cab Control Systems	1. Understand the theory, operation, setup, and diagnosis of Fendt tractor cab control systems. 2. Demonstrate cab systems tests.	10	10	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0