



Agricultural Power Technology courses allow high school students in grades 11 and 12 to begin their college classes. In order to earn their degree, students must complete 64 credit hours. Ag Power courses are typically 8 weeks on campus and 8 weeks off campus for occupational work experience. Please utilize the College Catalog from our website to validate program/degree requirements. The college courses followed by "online option" notation may be offered as face-to-face and/or online. High school course offerings are not available in all areas.

Cost

Secondary students enrolled in a post-secondary tiered technical course at Pratt Community College will not be charged tuition or general fees. Students will be responsible for book and course fees. Course fees may be charged for designated courses.

Secondary students who enroll in courses that are non-tiered will be charged the current tuition and fees as set by Pratt Community College.

Degree Options

Students who complete the required course work for Ag Power while in high school may earn credit towards their Associate of Applied Science Degree in Agricultural Power Technology.

Career Options

A degree in Ag Power Technology opens the door for a career in Agricultural Power (Diesel Mechanic) upon graduation from the program. Local and regional demand anticipates 160 new jobs annually over the next 10 years.

^Tiered technical course

*Course fee applies-check with Admissions

**Course credit may be earned through Articulation agreements + Placement Test Required

Potential Earnings

Entry Level: \$27,000

Median: \$39,000

Experienced: \$61,000

High School Core Competencies

Agriculture Power Technology requires a working knowledge of both mathematics and physical sciences. Students completing this program have demonstrated both knowledge and application of math and science principles.

11th Grade

1st Semester

AM Courses

^APT246 – Agricultural Machinery Operations-3 cr. hrs.

^APT125 – Outdoor Power Equipment – 3 cr. hrs.

PM Classes

^APT100 – Applied Welding-2 cr. hrs. Optional no credit earned towards degree - not required for completion

2nd Semester

AM Courses

*APT137 – Agricultural Seminar-3 cr. hrs.

^APT127 – Tractor/Auto Air. Cond-3 cr. hrs.

^APT138 – Applied Hydraulics/Pneumatics- 3 cr. hrs.

PM Courses

^APT141 – Fundamentals of Engines- 3 cr. hrs.

^APT101 – Welding I- 3 cr. hrs.

Typical Schedule for Ag Power:

7:30 a.m. – 11:45 a.m.

1:20 p.m. – 3:35 p.m. (Welding)

2:20 p.m. – 4:45 p.m.

21 college cr. hrs.

12th Grade

3rd Semester

AM Courses

*APT236 – Agricultural Seminar-1 cr. hr.

^APT226 – Tractor Maintenance and Repair-3 cr. hrs.

^APT146 – Diesel Electrical Systems-1 cr. hr.

4th Semester

AM Courses

^APT248 – Diesel Fuel Systems- 3 cr. hrs.

^APT244 – Ag Power Trains- 3 cr. hrs.

General Ed. Courses

*+ENG135 – Writing for the Workplace- 3 cr. hrs. (online options)

*+MTH126 – Technical Math or Higher- 3 cr. hrs. (online options)

Typical Schedule for Ag POWER:

7:30 a.m. – 11:45 a.m.

1:20 p.m. – 3:35 p.m. (Welding)

2:20 p.m. – 4:45 p.m.

17 college cr. hrs.