Agriculture, Food and Natural Resources: Power, Structural and Technical Systems: Agricultural Power and Equipment Technician

Career Pathway Plan of Study for Learners Parents Counselors Teachers/Faculty

This Career Pathway Plan of Study (based on the Power, Structural and Technical Systems Pathway of the Agriculture, Food and Natural Resources Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner’s educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

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<th>EDUCATION LEVEL</th>
<th>GRADE</th>
<th>English/ Language Arts</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies/ Sciences</th>
<th>Other Required Courses</th>
<th>Other Electives</th>
<th>Recommended Learner Activities</th>
<th>*Career and Technical Courses and/or Degree Major Courses for Power, Structural and Technical Systems Pathway: Agricultural Power and Equipment Technician</th>
<th>SAMPLE Occupations Relating to This Pathway</th>
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Interest Inventory Administered and Plan of Study Initiated for all Learners

Courses with advanced standing and/or transcripted credit are indicated in RED.

College Placement Assessments-Academic/Career Advisement Provided

Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.

WITC AGRICULTURAL POWER & EQUIPMENT TECHNICIAN

WITC has articulation agreements with the following institutions for students who graduate from WITC with a Technical Diploma in Agricultural Power & Equipment Technician. Students should check with the institution they wish to transfer to for specific courses and credits that transfer.

PRIVATE: Upper Iowa University, Fayette, IA or Online Programs

UW: UW-Stout

Credits may transfer to other institutions. Check with admissions advisors at institutions for specific course and/or credit transfers.

Advanced Standing Option Transcribed Credit Option Master's Required

Year 13

Math 373 Applied Human Relations Success Strategies 1: Information Resources Introduction to 12-Volt Electrical Theory; Introduction to Diesel Engines; Gas Engines; 12-Volt Electrical 1; Diesel Engines; 12-Volt Electrical 2, Welding for Mechanics

Year 14

Applied Communications 1; Applied Communications 2 Math 383 Introduction to Power Trains; Introduction to Mobile Hydraulics; Power Trains 1; Mobile Hydraulics 1; Power Trains 2; Mobile Hydraulics 2

Year 15

Year 16

WITC has articulation agreements with the following institutions for students who graduate from WITC with a Technical Diploma in Agricultural Power & Equipment Technician. Students should check with the institution they wish to transfer to for specific courses and credits that transfer.

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