



CAREER & TECHNICAL EDUCATION AREA



IVY TECH PRECISION AG PROGRAMS

PROGRAM DESCRIPTION

The Agriculture program is designed to prepare you for a career as a farm operator/manager or as an employee of an agriculture retailer, supplier or manufacturer. Students complete coursework in seven core courses that cover all aspects of production agriculture and choose seven elective courses that allow a specialization in crop production, horticulture, livestock production, or Ag economics.

Precision Ag is a new and emerging field that utilizes GPS positioning to control planters, sprayers and combines in the field. Students choose one of three areas of specialization: ag equipment service, installation and maintenance of GPS guidance and application control equipment, or using mapping software to help producers maximize their production systems.

OCCUPATIONS UPON COMPLETION OF PROGRAM:

Graduates of the Agriculture program find employment with area farming operations as equipment operators and grain haulers. Graduates also find employment with Ag retailers as applicators, data managers and sales professionals. In addition, graduates are employed by turkey and swine producers as flock and herd managers.

OUR GRADUATES:

Graduates of the Agriculture program are prepared to enter the workforce or transfer to a 4-year university to pursue a Bachelor Degree in Agriculture or related field. Students wishing to transfer to Purdue should pursue the AS degree track.

ADDITIONAL INFO

GRADE LEVEL: 11TH OR 12TH

LENGTH OF PROGRAM: 1 OR 2 YEARS - 1/2 DAY

HS CREDITS PER SEMESTER: 3

HS CREDITS PER YEAR: 6

PROGRAM WEBSITE: IVYTECH.EDU

DOE CODES:

7117 - Principles of Agriculture

7116 - Precision Agriculture

7113 - Crop Management

7236 - Precision Agriculture Capstone

COURSE INFO



FALL SEMESTER COURSES:

PAET 100 - Introduction to Precision Agriculture

(3 Cr Hrs) Times/Days TBD

PAET107 - Unmanned Aerial Vehicles in Precision Ag

(3 Cr Hrs) Times/Days

PAET202 - Application Control

(3 Cr Hrs) Times/Days



SPRING SEMESTER COURSES:

PAET122 - Precision Agriculture GPS/GIS

(3 Cr Hrs) Times/Days



FEES:

Consumable Fee: \$125

Ivy Tech Technology Fees*: \$60 per semester

Tuition: Twin Rivers pays ALL CTE course tuition. Student pays for fees and books.

AGRICULTURE PROGRAM CHAIR: KARSON HARRIS

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*FEES ARE APPROXIMATE AND COULD VARY FROM YEAR TO YEAR.