

(H30) Certificate

This program is intended to introduce the growing field of small unmanned aircraft systems (UAS), namely drones, including technical skills and regulatory laws necessary to safely and legally fly drones. Targeted individuals will include those looking to enter into one of the variety of employment opportunities related to UAS's, as well as those individuals who already have experience flying UAS's, but are looking to improve their skill set for applicability in a current job. The target audience will also include entrepreneurs looking to create business uses for UAS's as regulations continue to ease and drones become more prevalent.

Work and Employment

This program will train students within the CTE areas of Agricultural Education, Business, Marketing, Computer Education, Technology and Engineering Education, and Family and Consumer Science. Students who work within Agriculture, and Food & Natural Resources Career Cluster, could find jobs within the field of precision agriculture. Students will also be prepared for entry-level employment with the Business, Marketing, and Computer Education CTE area for positions in national security and planning, marketing, digital communications, and insurance. Students in the Technology and Engineering area would qualify for positions in transportation, distribution, logistics, law enforcement services, architecture and surveying, and video technology & film. In the Family & Consumer Science area, employment possibilities would include promoting tourism through aerial photography.

Program Contacts at Sauk Valley Community College

Academic Advising 815/835-6354

Josh West, Director of Business, Career & Technical Programs 815/835-6334

Major Field Requirements - Sem/Hrs: 18

- ART 103 - Digital Photography 3 Semester hour(s)
- CIS 109 - Introduction to Computers 3 Semester hour(s)
- UAS 101 - Introduction to Unmanned Aircraft Systems 3 Semester hour(s)
- UAS 110 - Advanced Unmanned Aircraft Systems 3 Semester hour(s)
- UAS 120 - Unmanned Aircraft Design and Repair 3 Semester hour(s)
- UAS 130 - Unmanned Aircraft Systems Operations 3 Semester hour(s)

Electives - 3 Sem/Hrs

Electives: (BUS 260 recommended) - 3 Sem/Hrs.

Total Hours Required for Certificate: 21

Suggested Program

First Semester - Sem/Hrs: 12

- ART 103 - Digital Photography 3 Semester hour(s)
- CIS 109 - Introduction to Computers 3 Semester hour(s)
- UAS 101 - Introduction to Unmanned Aircraft Systems 3 Semester hour(s)
- UAS 110 - Advanced Unmanned Aircraft Systems 3 Semester hour(s)

Second Semester - Sem/Hrs: 9

- Elective (BUS 260 recommended) 3 Semester hour(s)

- UAS 120 - Unmanned Aircraft Design and Repair 3 Semester hour(s)
- UAS 130 - Unmanned Aircraft Systems Operations 3 Semester hour(s)

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