

## CERTIFICATION. CONNECTIONS

Industry certifications are the central component of the implementation of the Florida Career and Professional Education Act. The purpose of the Act was to provide a statewide planning partnership between the business and education communities in order to attract, expand, and retain targeted high-value industry and sustain a strong, knowledge-based economy. Our Concurrent Enrollment Program (CEP) will connect industry certifications to our courses, so students can earn high school credit, college credit, as well as an industry certification to include on college resumes.

**AS 121**  
**Private Pilot Operations**

**FAA Private Pilot** – A Private Pilot Certificate represents industry acknowledgement of technical skill attainment of competencies acquired from a Private Pilot program.

**AS 220**  
**Unmanned Aircraft Systems**

**SUAS Safety Certification** – Covers hazards associated with small UAS operations, identifying risks within an operation, and mitigating those risks through planning and safety management.

**AS 315**  
**Unmanned Aircraft Systems Robotics**

The **RECF Robotics Certification** is designed to introduce students to the technology field that deals with the design, construction, operation, development and application of robots and computer systems for their control, sensory feedback, and information processing. This certification will identify students who possess the knowledge and experience needed for today's robotics workforce.

**EGR 111**  
**Engineering Drawing**

**Autodesk Certified Professional – Inventor** – The Autodesk Certified credential signifies the experience and expertise of design professionals. Autodesk Inventor software provides a comprehensive set of 3D modeling and mechanical design tools for producing, validating, and documenting complete digital prototypes.

**EGR 115**  
**Intro to Computing for**  
**Engineers**

**MATLAB Certification** – MATLAB Certification establishes a standard of excellence that demonstrates MATLAB proficiency to customers, industry peers, and employers. For organizations, certification is a strategic investment that pays off through increased productivity and project success. For individuals, certification validates proficiency with MATLAB and can help accelerate professional growth.

**CS 120**  
**Intro to Computing**  
**in Aviation**

**Microsoft Office Specialist (MOS) Bundle Certification** – A Microsoft Office Specialist certification helps validate proficiency in using Microsoft Office 2010 and meets the demand for the most up-to-date skills on the latest Microsoft technologies. Candidates who pass a certification exam show that they can meet globally recognized performance standards.

For more information about Industry Certification, visit:

<http://www.fldoe.org/academics/career-adult-edu/industry-certification/index.shtml>