FLATE FOCUS

Florida Advanced Technological Education Center

Advancing manufacturing education and Florida's workforce

November 2026

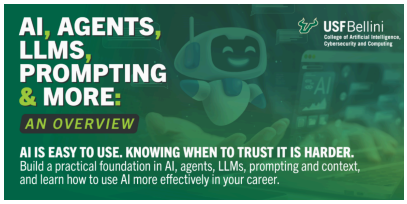
Opportunities & Professional Development

Seeking Instructors to Help Review Arts, Audio Visual Technology & Communication Frameworks: Respond by November 6

FACTE is looking for qualified instructors to assist in reviewing select College Credit Certificates (CCC) and AS Arts, Audio Visual Technology, and Communication frameworks. If you or someone at your institution would be interested in participating, please see the list of programs up for review using the link below. **Most activities will take place via Zoom, starting with a brief orientation session.** Nominated instructors will be contacted the week of November 9th with orientation details. Thank you for your support in strengthening our industry frameworks!

More info and sign-up

University of South Florida Free Virtual Microcourse: AI, Agents, LLMs, Prompting and More



This microcourse introduces learners to AI agents, large language models and prompting. The course emphasizes responsible AI use, helping participants understand how AI systems generate responses, recognize their limitations and evaluate their outputs. This course moves beyond prompting into agents, large language models (LLMs) and context management. No technical background or previous AI coursework is required, and learners can finish in approximately one hour at their own pace.

Enroll here

Professional Development: FSI Semiconductor Course for Faculty and your Students: Sign up Now! Free Course Available until December 2, 2026

UF | Florida Semiconductor Institute
UNIVERSITY of FLORIDA

This course is for faculty and teachers from Florida schools (middle & high school, technical, community or state college) who are interested in learning more about the semiconductor industry in Florida and sharing this knowledge with their students.

Participants receive the FLATE Semiconductor Bridge Series badge after completing three online modules, averaging one hour each:

- What is it like to work in a Clean Room?
- What is the Semiconductor Industry?
- Jobs in the Semiconductor Industry

Educators who complete the course are also given the option to invite their students to the course! Click below to register for the course. Reach out to **teresa.potter@flate.org** with any questions.

Register here

Upcoming Events

FLATE Engineering Technology (ET) Faculty Mentorship Meeting
Next Meeting: November 13, 2026 - 11:00 AM ET

Are you new to teaching an engineering or manufacturing program in Florida? Are you a veteran teacher who would like to help mentor new educators? Join us for the FLATE Monthly ET Mentorship meeting, designed to help new faculty with questions about curriculum, labs, advisory committees and much more. Please share this invitation with colleagues who may be interested. Meetings are held on the 2nd Friday of the month at 11AM ET.

Register here

Save the Dates: Spring 2027 ET Forum
April 15-16, 2027 - Valencia College (Orlando)



Engineering Technology Faculty: Are there topics that you would like to see addressed at the next ET Forum? Please forward your ideas for the Spring 2027 ET Forum to Ernie Friend at ernie.friend@flate.org.



Early bird registration until December 13



Resources

Free Course Development Software for the FLATE Community

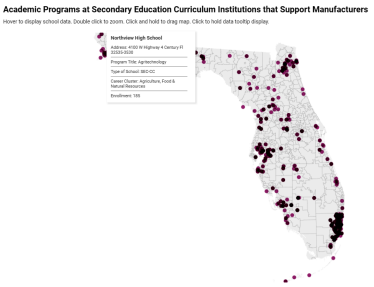
Course Builder+ is a software tool created by one of our FLATE professors, Dr. Ron Eaglin, that is designed to help with course development. The tool is available at the Windows App Store **https://apps.microsoft.com/detail/9mt854nv3fgf?hl=en-US&gl=US**

Click here for a course on how to use Course Builder+! This was created in the tool so you can see what it can do. If there is a cost, use the coupon FLATE for 100% off the price.

Also a handy website for anyone needing information on courses is **https://floridacourserepo.com/** - you can find guides for hundreds of courses here (including ET courses).

FLATE's Manufacturing Matters Dashboard

A tool highlighting manufacturing education, careers, industry, and their impact on Florida's economy. Search for manufacturing education programs across the state, narrow to a particular skill. Students can find a program to enter; Manufacturers can find employees with hands-on training.



Manufacturing Matters Dashboard

FLATE Webinar Series - Watch on Demand

- Insights into the Workforce of the Future
- AI & Machine Learning Workshops
- Data Analytics in Manufacturing
- Necessary Skills Now: Resources for Integrating Employability Skills into Technical Programs
- Edge Computing: A Feasible & Integrated Approach to Collecting System Data
- A Universal Programming Approach for any make of Programmable Logic Controllers (PLCs)
- Best Practices for your CNC Course or Program
- Overview of AI in Manufacturing
- Overview of Teaching PLCs
- Leveraging an Open Lab to Provide Greater Access for Students in your Manufacturing Program
- Developing Local Articulations to Increase Enrollment in College Programs
- How to Create Work-based Learning Opportunities
- Recruiting Strategies Best Practices
- Robots for AI and Industry 4.0 Training and Demo
- Creating Videos using Classroom Projects and Student Success Stories
- How to Increase Student Diversity in ET Programs
- How to Develop ET Dual Enrollment or Early College Programs
- Cybersecurity for Manufacturing Series (4-part)

View Webinars on Demand

FLORIDA FLATE ADVANCED TECHNOLOGICAL EDUCATION CENTER

flate.org

FLATE's wiki ...full of great FREE RESOURCES for you!

FLATE wiki

www. Made in FLORIDA .org

madeinflorida.org

Florida Department of Education Resources

GET THERE

Florida's Workforce Education Initiative

With Career, Technical and Adult Education (CTAE), you can train for a better career quickly and affordably.

APPRENTICE FLORIDA

Apprenticeship programs are a proven training method benefiting job seekers

and businesses.

Check Out Our Previous Newsletters:

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