

Welcome!

FLATE INDUSTRIAL ADVISORY COMMITTEE

Meeting #30

Sypris Electronics
Tampa, FL

THURSDAY, JANUARY 15, 2014
4:30 – 5:30 PM
5:30 SME MEETING AND TOUR



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Welcome by Sypris Electronics

Introduction of IAC Committee Members. FLATE staff and Guests

Old Business

FLATE Overview

FLATE 2014 Evaluation

**Manufacturing Association and DOL Updates
FLATE 2014 Evaluation Highlights**

New Business / Open Forum / Action Items

Next Industrial Advisory Committee meeting
Thursday, May 7, 2015

FLATE/SME Tour Registration and Networking

Welcome to Sypris and Tour

Wrap up and Adjournment



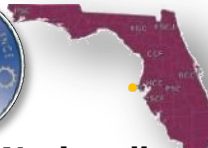
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Old Business

Brad Jenkins/Marilyn Barger



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Old Business - FLATE Awards



Congratulations to our
2014 Winners



Secondary Educator	Russ Henderlite Peterson Academy, Jacksonville
Post-secondary Educator	Aubri Hansen Gulf Coast State College, Panama City
Distinguished Industry Partner	Ken Jurgensmeyer Heat Pipe Technologies & Mitec, Tampa

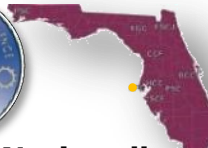
Read more about the winners: <http://fl-ate.org/projects/awards.html>

Thanks to our 2014 Award sponsors and partners!





FLATE Overview



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Vision



FLATE will be Florida's leading resource for education and training expertise, leadership, projects, and services to promote and support the workforce in the high performance production and manufacturing community.

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FLATE goals

GOAL 1. To ensure that FLATE's mission is **sustained**.

GOAL 2. To implement a statewide unified **education system** for manufacturing that positions manufacturing education as a convergent curriculum that optimizes technician preparation in manufacturing and its enabling technologies.

GOAL 3. To provide an effective **outreach platform** for Florida's high school, community college, industry, and legislature to access information related to the requirements for and impact of manufacturing education.

GOAL 4. To present **professional development** opportunities for technical faculty to develop, refine or certify their knowledge base within manufacturing and/or its related enabling technologies and educational pedagogies.



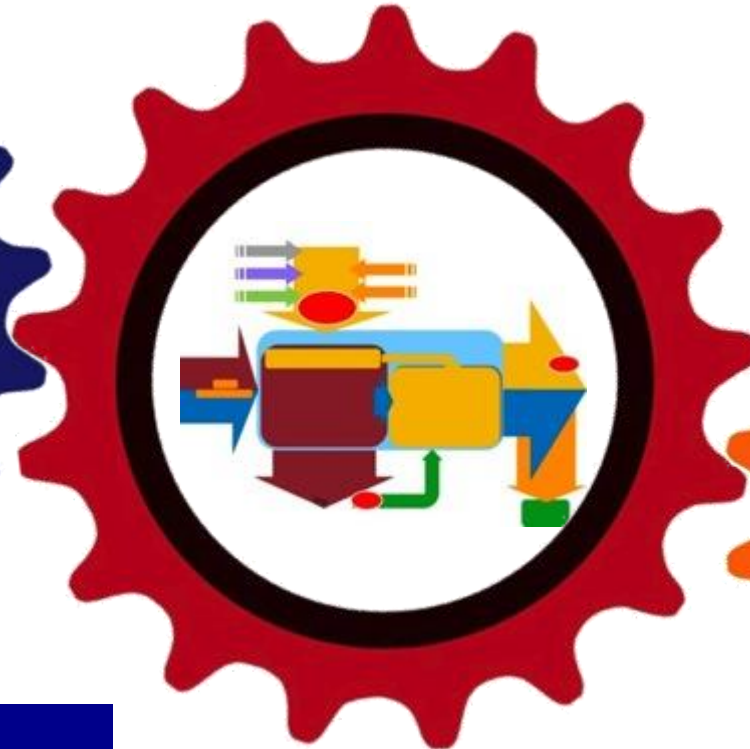
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Outreach



Curriculum Reform



Professional Development



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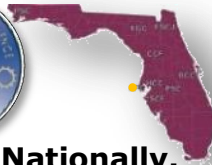
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FLATE Updates

- ET Enrollment & Alumni tracking & LinkedIn
<https://madeinflorida.org/etdegree/alumni/index.php>)
- ET College View Books & ET Degree updates
- Machining curriculum frameworks
- Status of international student internships
- New partnerships
 - FHTCC for remote robotic outreach
 - Skills USA for World of Manufacturing and Mechatronics competition
 - FACTE for Professional Development & Awards
- MFG DAY 2015 (www.madeinflorida.org/manufacturing-day/)
- Others?



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Alumni Tracking & LinkedIn



The screenshot shows the LinkedIn group page for "ET Degree Alumni". At the top, there is a navigation bar with "Profile", "Alumni Members", "Companies", "Discussions", "Jobs", and "About". The main content area features the group name "ET Degree Alumni" above a photo of five graduates in black gowns and caps. Below the photo, the text reads: "Welcome ET Degree Alumni. Login and actively participate in Group Discussions, View and Save Jobs, Follow Featured Companies, and Connect with other ET Degree Alumni." A second line of text says: "To be part of the ET Network and be added to the alumni list log-in using your LinkedIn credentials, or click the 'Join Group Here' button below." At the bottom of the main content area is a blue button labeled "LinkedIn Login".



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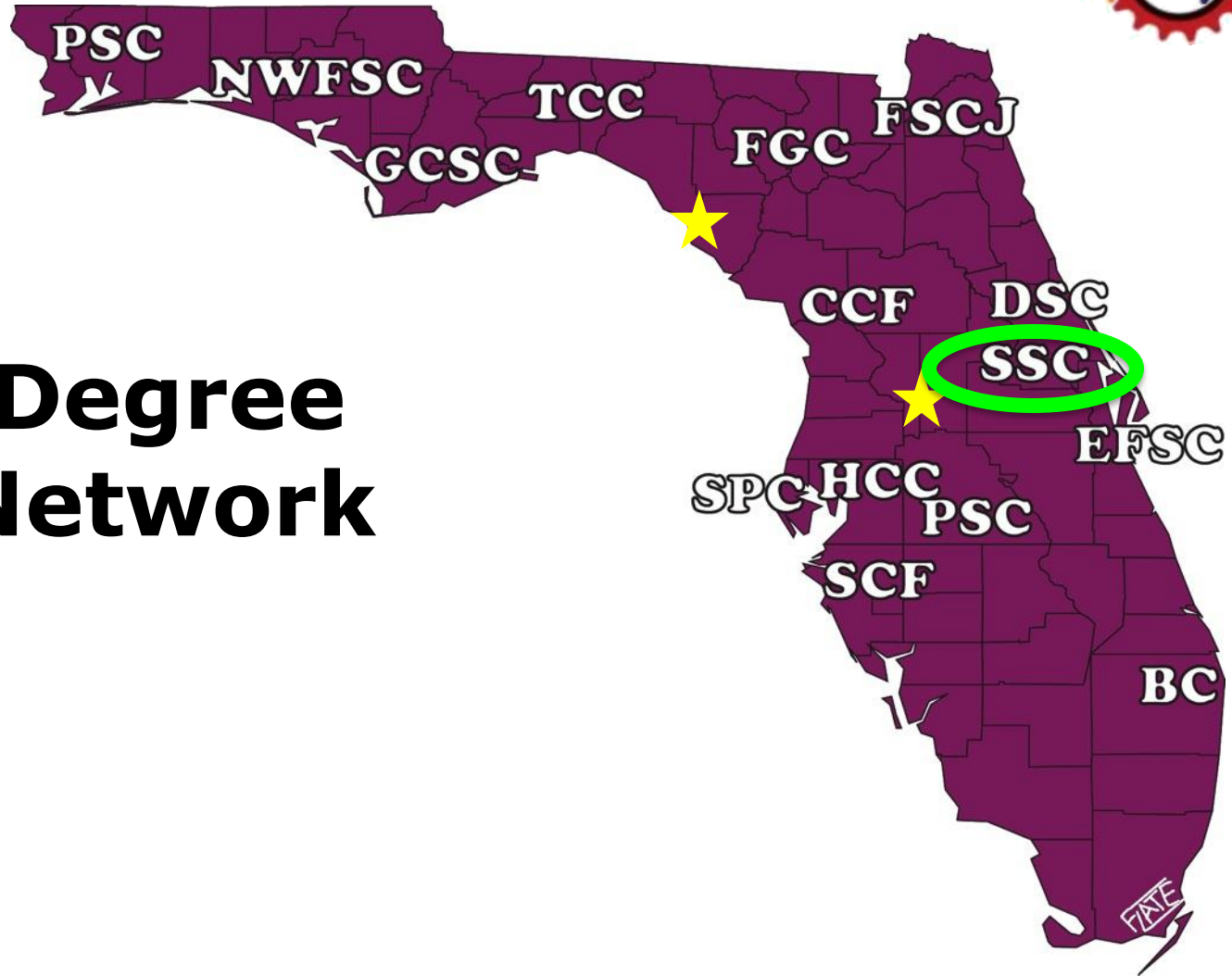


Excellence in engineering technology education.



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FLORIDA ADVANCED
TECHNOLOGICAL EDUCATION
A NATIONAL SCIENCE FOUNDATION
CENTER OF EXCELLENCE

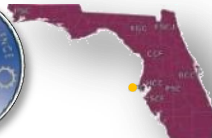
Supporting Florida Manufacturers



2015 ET Degree College Network



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A.S. Engineering Technology

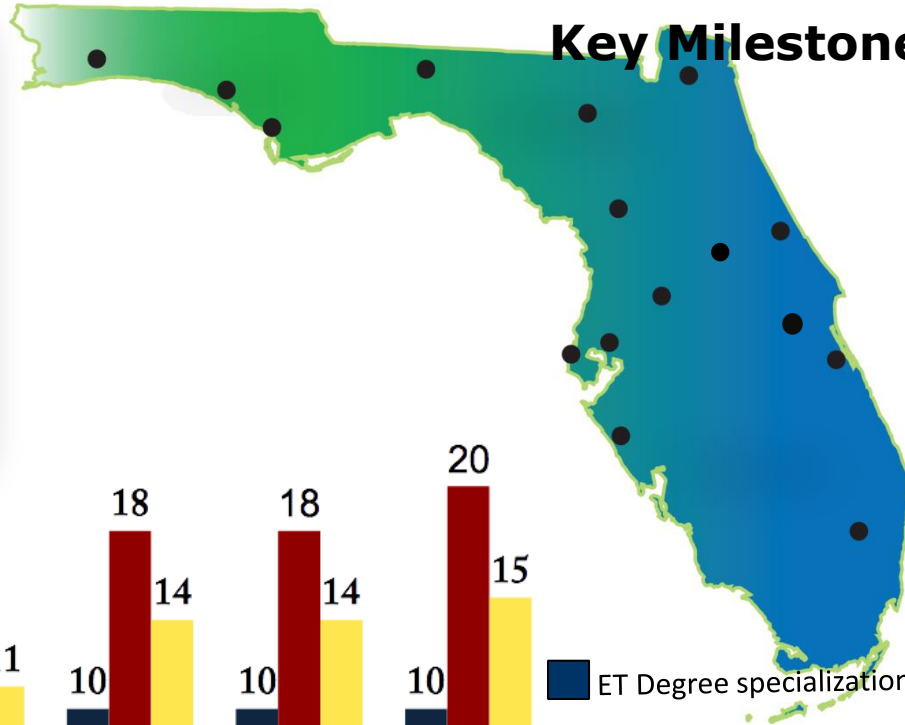


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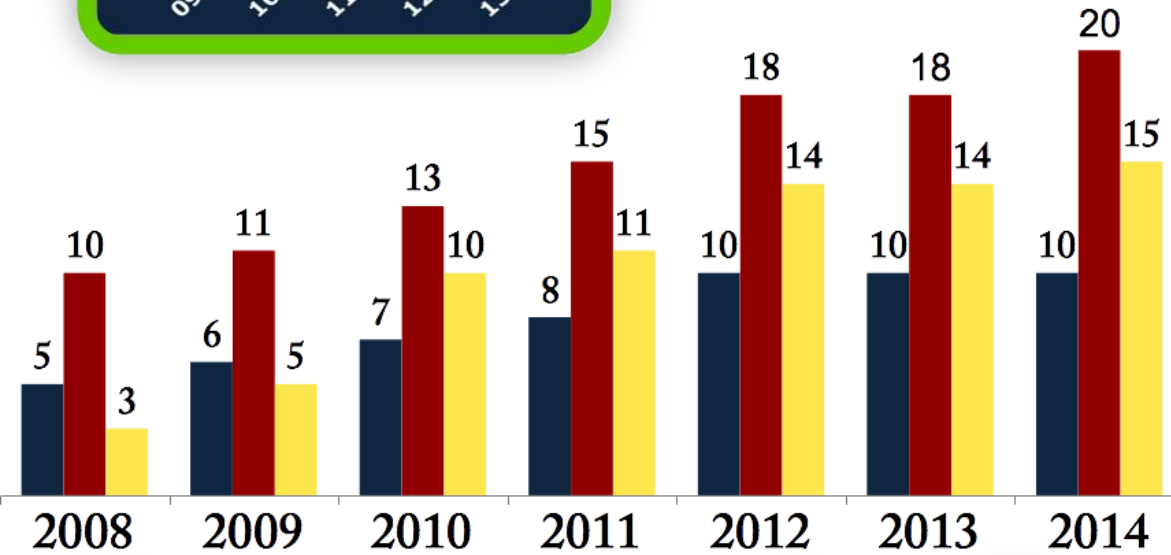
Engineering Technology A.S. Degree



Key Milestones 2008 - 2014

• Indicates the locations of colleges offering the ET Degree Program

- Broward College
- Central Florida College
- Daytona State College
- Eastern Florida State College
- Florida State College at Jacksonville
- Florida Gateway College
- Gulf Coast State College
- Hillsborough Community College
- Northwest Florida State College
- Pensacola State College
- Polk State College
- Seminole State College
- State College of Florida - Manatee
- St. Petersburg College
- Tallahassee Community College



- ET Degree specializations
- ET Degree college credit certificates
- Colleges offering ET Degree



FLATE Updates - International Partnerships



Florida Advanced Technological Education
Center of Excellence



WWW.FL-ATE.ORG



WWW.MADEINFLORIDA.ORG



International Internship Program

Supporting Engineering Technology
&
Manufacturing
in Florida!

- International work placement program: “Global Training” for Basque Vocational Engineering Technology graduates.
- Eight months Internship 100% financed by the Basque Government (Spain).
- **April 2014:** Interested host companies complete forms for “Global Training” internships.
- **September 2014:** Complete paperwork (logistics, housing, visas, etc.)
- **September 2014:** Student assignments completed
- **November 2014:** Internships begin

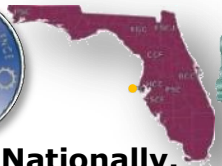
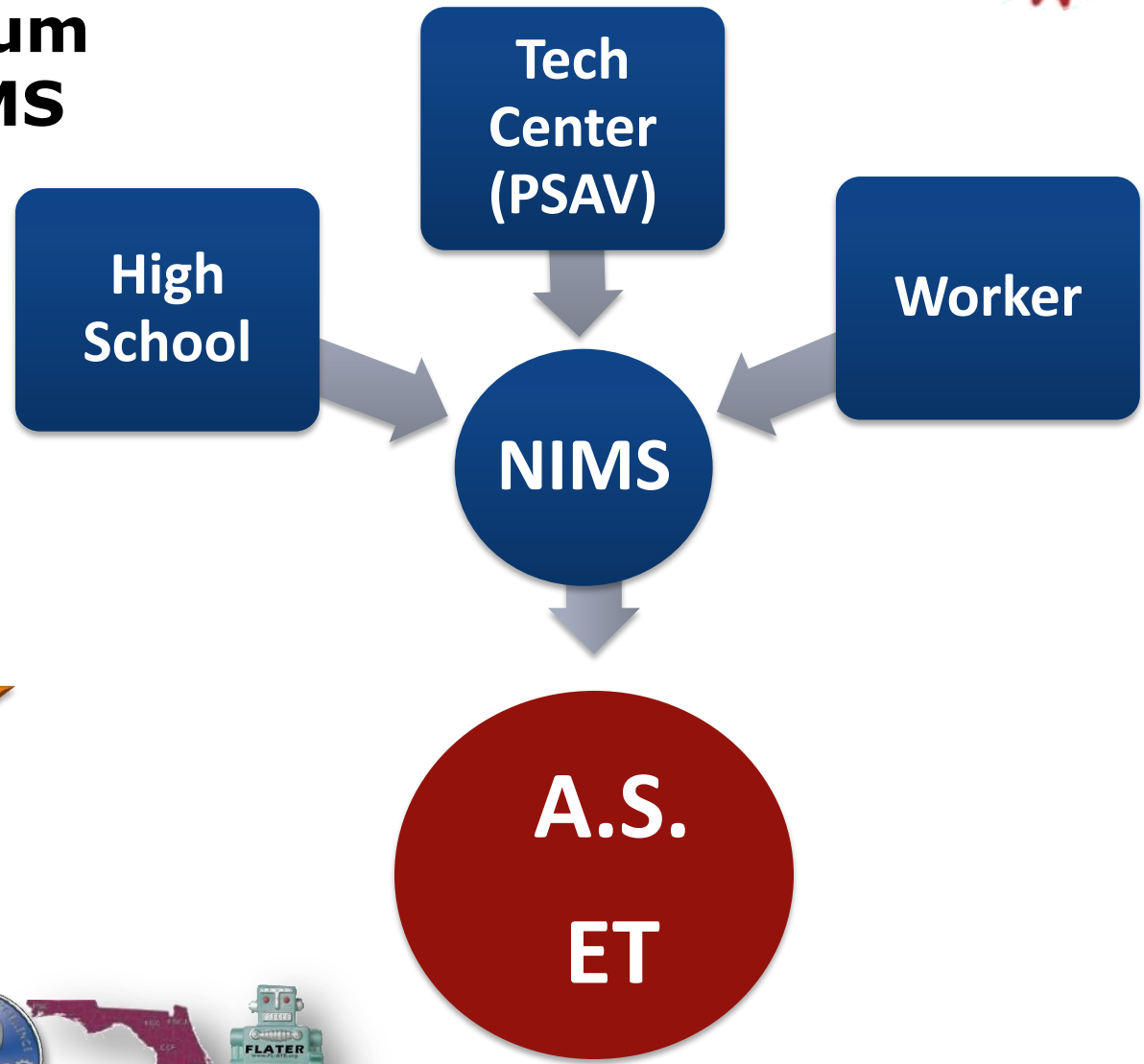
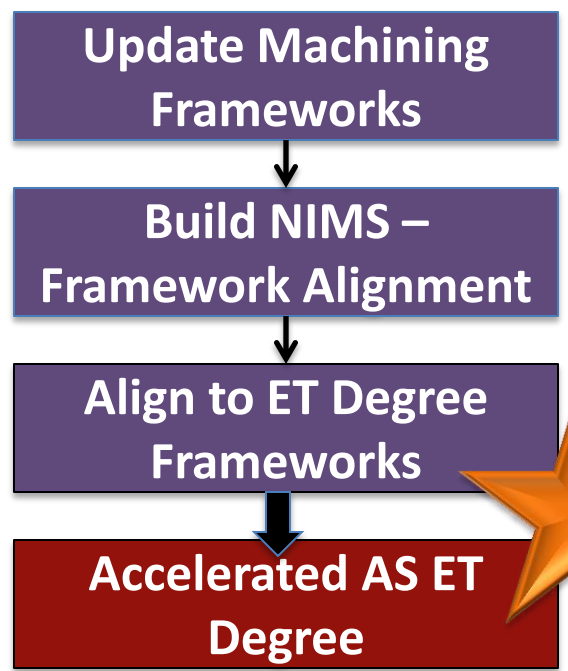
HETEL



For more information contact:
Danielly Orozco: orozco@fl-ate.org
Curriculum Coordinator



Alignment of Florida Machining Curriculum Frameworks to NIMS Credentials



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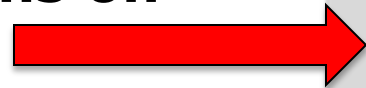
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Coming Soon! 2015-16 Nominations

- look for these icons on www.fl-ate.org
- submit nominations online



FLATE - Florida Advanced Technological Education Center

Industry Honors & Professional Recognition Program

2014





[Awards Timeline](#)

April 2014 – Criteria published and nominations open at www.fl-ate.org/awards

August 31, 2014 – Nominations Close

September 2014 - Award elections are made by FLATE IAC award subcommittee, followed by review and approval by the FLATE Executive Committee.

October 2014 - Award recipients and principal nominators are notified of their selection.

November/December 2014 - Awards presented during the Manufacturers Association of Florida (MAF) Annual Manufacturers Summit and Global Marketplace.

Awards Timeline

December 2015	Nominations open
May 2015	Nominations close
June 15	Winners announced
July 2016	Awards ceremony @ FACTE Conference

NEW!!



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New Partnerships



- Remote Nao Robot Presentations
- "Traveling" Lego Robots Outreach



World of Manufacturing Leader @ Florida Skills Competition "World of Possibilities" Expo

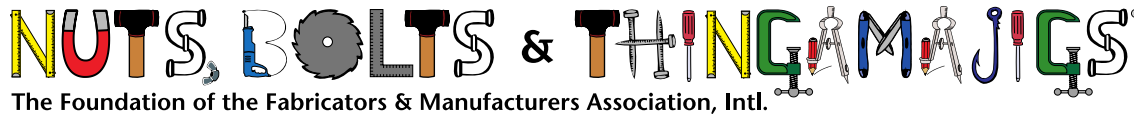


WORLDS OF POSSIBILITIES



- **NEW** FLATE Awards partner
- CTE Professional Development partner

- **Summer mfg camp**
- **MFG DAY & outreach partner**



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FLATE Evaluation

Data Highlights of 2014

Phil Centonze



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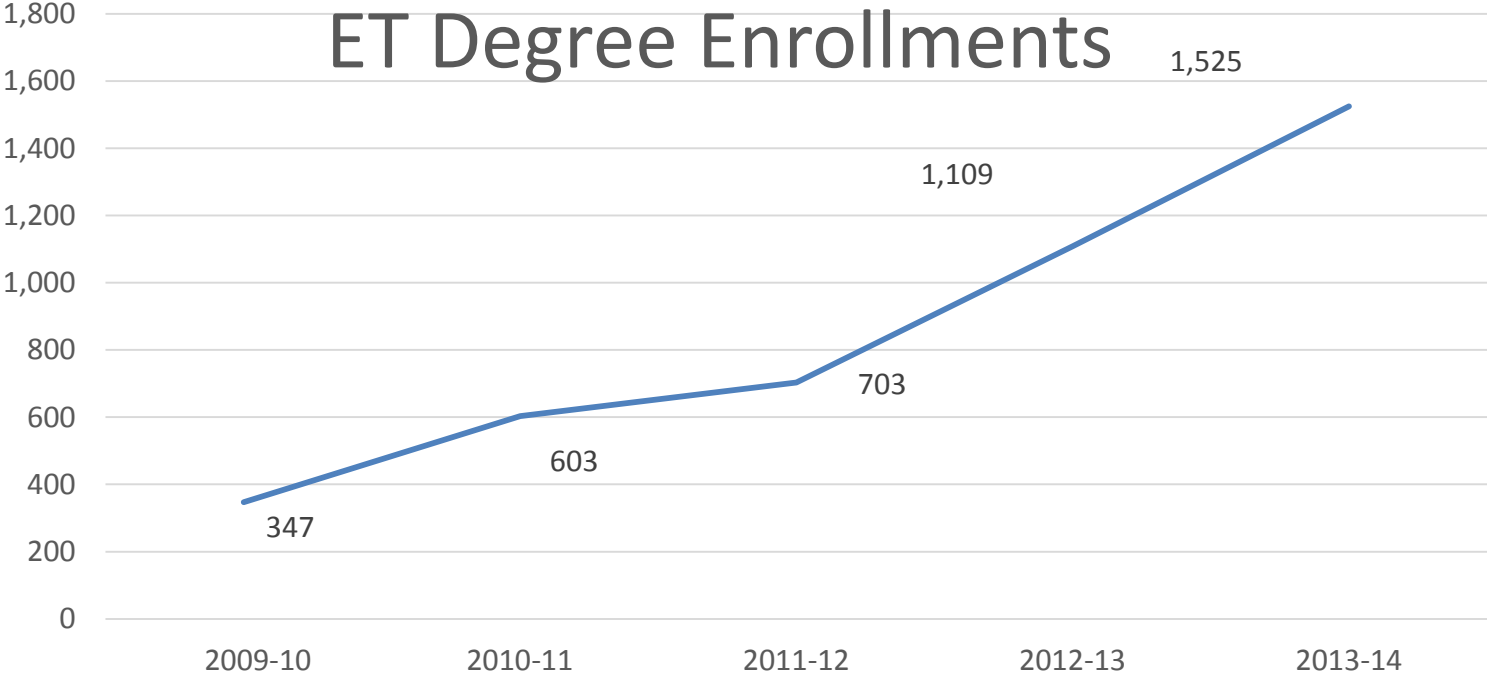
Key Strengths

- Leadership creates an environment for 2-way communication & engagement with the workforce, including volunteers, & other stakeholders and customers; Reinforces alignment of workforce and volunteers with FLATE values and objectives
- Focus on sustainability of FLATE mission beyond the life of the current grant (FACTE; ET Forum, Tours, robotic camps)
- Operational effectiveness & Strategy
Implementation results show favorable levels and trends in most areas

Key Opportunities for Improvement

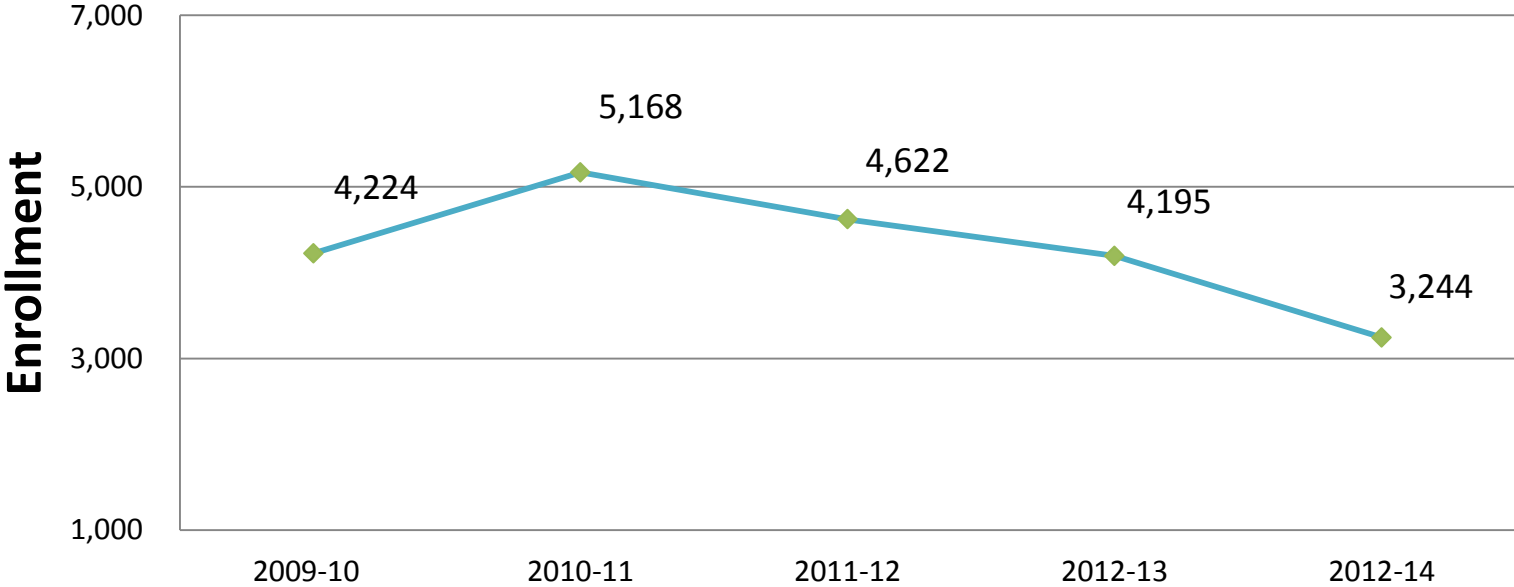
- Strengthen geographic ties and reinforce communication to assure interaction with a broader representation of stakeholders, as well as potential new partners, around the State
- Refinement of listening methods to improve Voice of the Customer activity to identify relevant stakeholder knowledge to support sustainability
- Assessment of volunteer workforce engagement
- Refine approaches to the distributed sustainability model deployment to eliminate the expected gap in FLATE's mission beyond the life of the FLATE organization.

Goal 2 Measures: Effectiveness of Curriculum Development Efforts



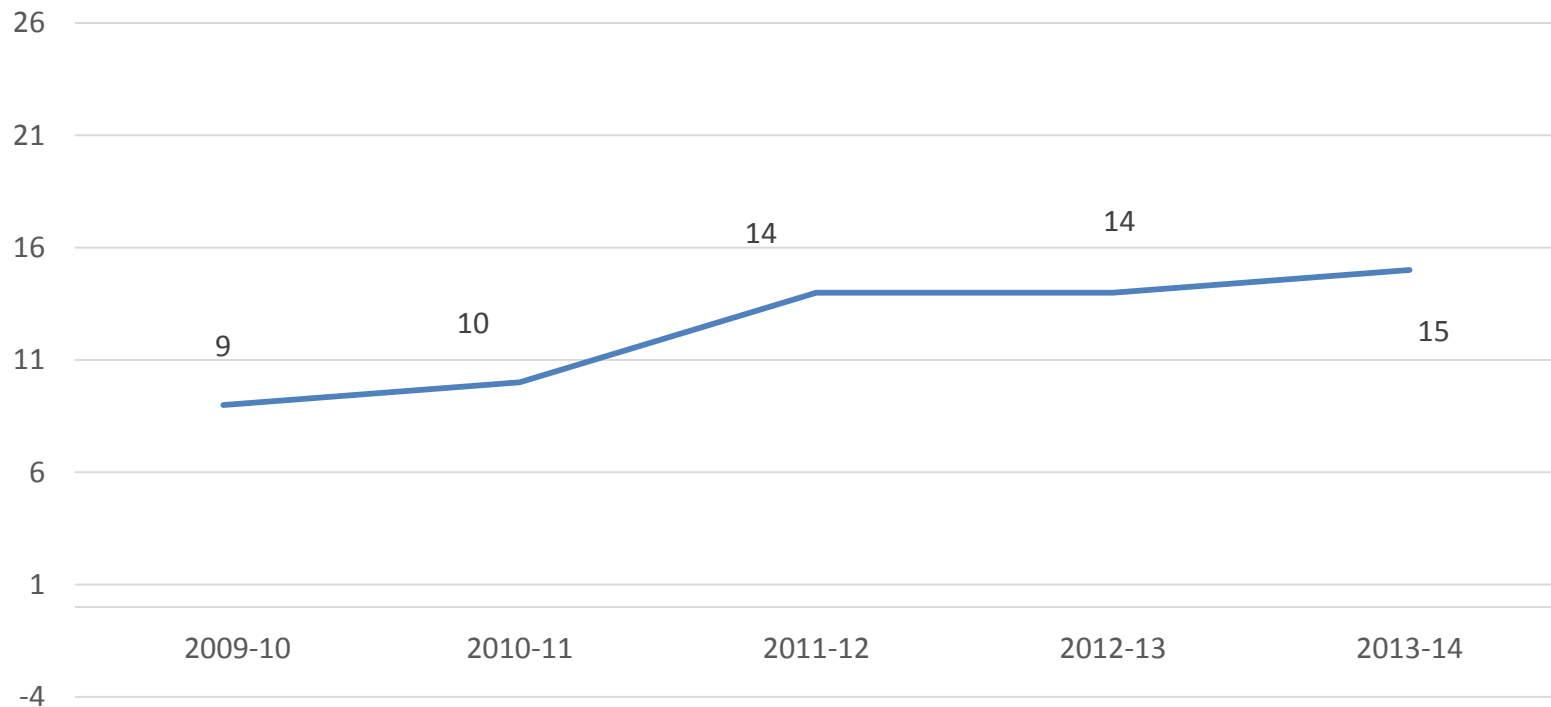
Goal 2 Measures: Effectiveness of Curriculum Development Efforts

Related Technology AS Degree Program Enrollment (excludes ET)



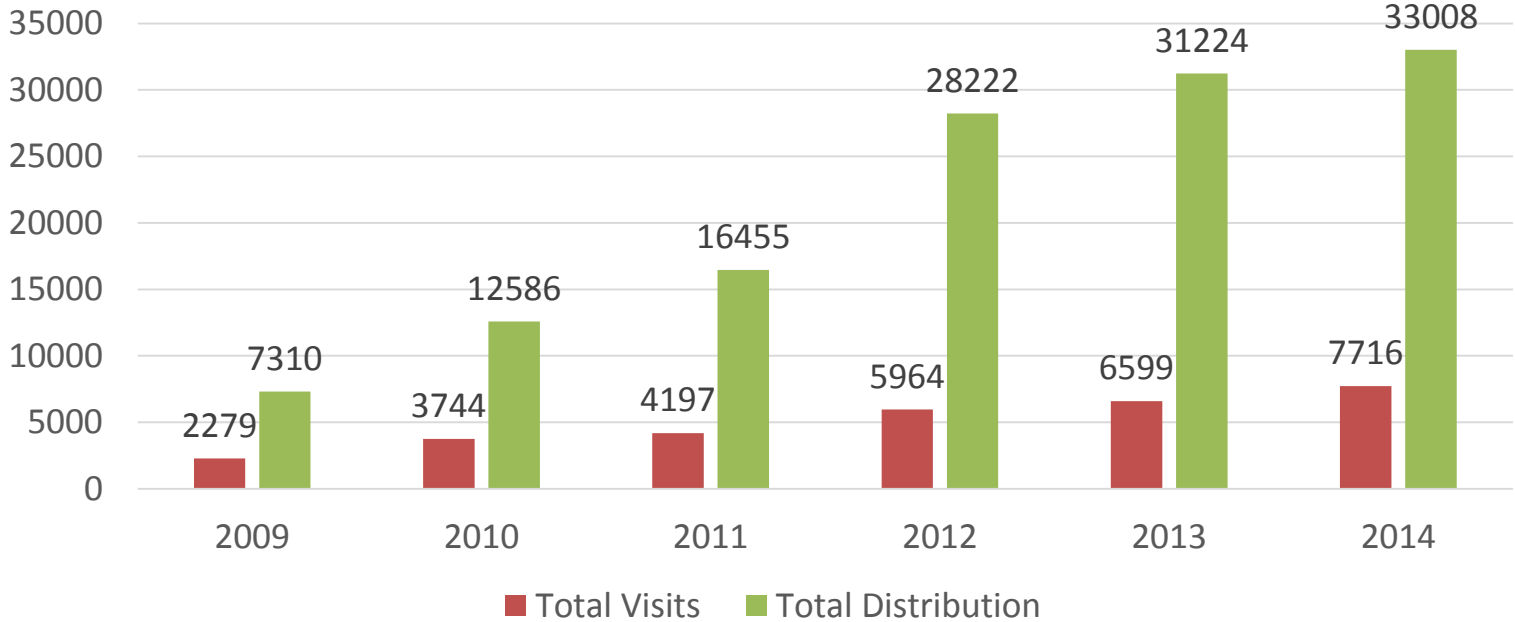
Goal 2 Measures: Effectiveness of Curriculum Development Efforts

ET Degree Colleges Adopting



Goal 3 Measures: Effectiveness of Outreach & Recruitment Efforts

Newsletter - Annual Distribution and Visits



Goal 3 Measures: Effectiveness of Outreach & Recruitment Efforts

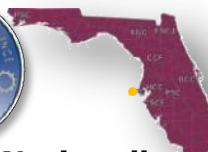
MFG Day Impact Comparison 2013-2014

	2013	2014
Tours	95	68
Manufacturers	88	72
Teachers	174	110
Parents	113	71
Students	3150	2331



Manufacturing Association Updates

Tina Brudnicki



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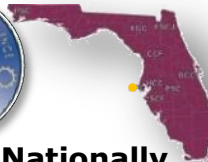


New Business & Open Forum

Tina Brudniki



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LEGO MINDSTORMS Education EV3

2015

ROBOTICS CAMPS



@ HCC Brandon

- Intro Girls
- Intro Boys & Girls
- Intermediate
- High School



- 2015 Locations:**
- Ocala
 - Sarasota
 - Palm Beach
 - Crystal River
 - Pensacola
 - Lake City



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Professional Development for 2015

2014	Teacher / Faculty Training
April	Mechatronics & FL Frameworks Workshops @ ET Forum
May	Robotic Educator Training
June	Manufacturing Careers Workshop (w/FACTE)
June	FLATE 6 th Annual Teacher Camp
July	Manufacturing Outreach (w/FACTE)
July	Mechatronics & Quality Workshops at HiTEC
September	SolidWorks for robotics mentors (w/SDHC, IEEE)



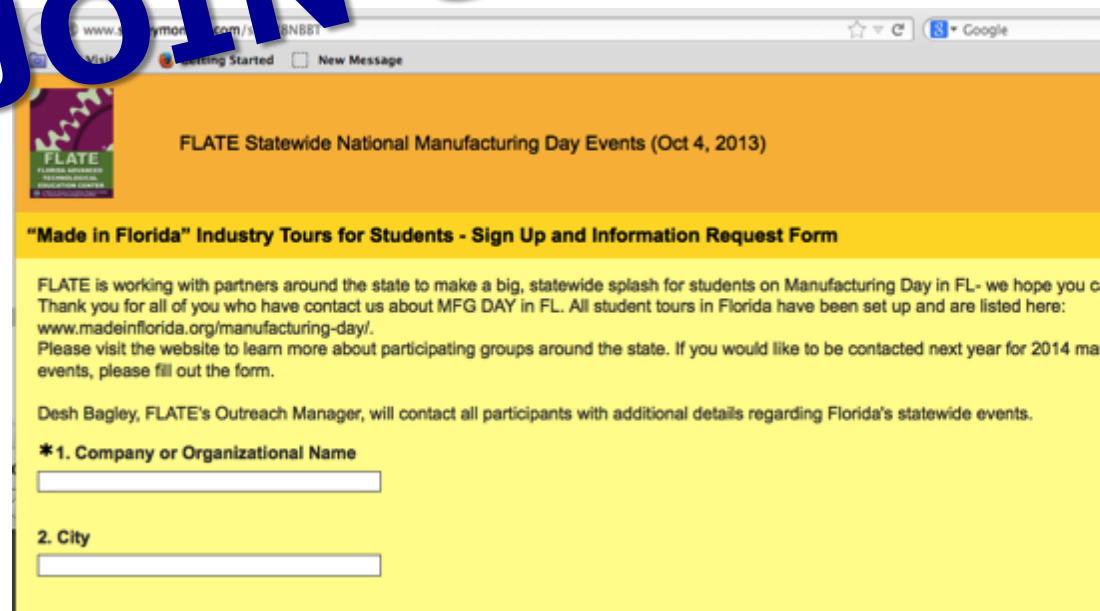
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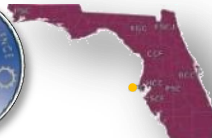
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JOIN US!



Contact Desh Bagley, FLATE Outreach Manager
bagley@fl-ate.org or 813.253.7838
or sign up online:
www.surveymonkey.com/s/WR8NBBT



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Action Items ?

Tina Brudnicki, Brad Jenkins



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Thanks for coming!

NEXT Meeting



Thursday
May 7, 2015
FL
Location- TBD



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