



# STATE ENGINEERING TECHNOLOGY INDUSTRY ADVISORY BOARD (SETIAB)

## Board of Directors Meeting Minutes April 3, 2025, 4:00 P.M.

### Voting Members

Name	Company	Present	Not Present
Dean Bartles	Manu Tech Deployment Grp (MTDG)	X	
Michael Emigh	Target	X	
Abraham Alangadan	Advanced Manufacturing Tech	X	
Paul McAllister	Aqua Comfort Water Group		X
Jessica Lovatt	VMA Inc.	X	
Joe Corley	Fidelity Manufacturing	X	
Robert Blevins	Florida Dept of Education	X	
Michael Aller (new)	Florida Makes		X
Chris Nelson	Machine Technology		X
Josette B. Twait	Polk County Public Schools		X
Peter Cirak	Seal Dynamics	X	
Kon Champavannarath	UFP Packaging	X	
James Gillard	Vac-Con	X	
Vincent Harmon (new)		X	

### Non-Voting Members

Marilyn Barger	FLATE	X	
Ernie Friend	FLATE	X	
Mori Toosi	Polk State College	X	
Sam Ajlani	College of Central Florida	X	
Ron Eaglin	Daytona State College	X	
Meer Almeer	Eastern Florida State College	X	
Patrick Land	Florida State College at Jax	X	
Melanie Boyd	Gulf Coast State College	X	
Shirley Dobbins	Hillsborough Community College	X	
Sumathi Hariharan	Lake Sumter State College	X	
Shera Gill (represented by Michael Emigh)	NW Florida State College	X	
Phil Centonze	POS-Impact	X	
Garrett Lee	South Florida State College		X
Susan Frandsen	St. Johns River State College	X	
Sid Martin	St. Petersburg College	X	
Ana Tenorio	Valencia College	X	

### 1. CALL TO ORDER AND OPENING REMARKS

Dr. Dean Bartles, SETIAB Chair, called the meeting to order at 4:00 p.m. and welcomed SETIAB members.

A motion of quorum status was made by Dr. Dean Bartles and seconded by Mori Tossi.

A motion was made by Peter Cirak and seconded by Vincent Harmon to approve the last meeting minutes. The motion was carried by the board.

## **2. Board of Directors New Member Additions**

- Dr. Dean Bartles introduced a new member, Mr. Vincent Harmon, senior operation manager from Coca-Cola, affiliated with college Polk State College.
- Mori announced the unofficial resignation of Way Campos as Secretary.
- A motion to elect Vincent as the new secretary was made by Dr. Bartles, seconded by Pete Cirak, and approved by the board.
- The board will continue recruiting members, especially from colleges that do not currently have a SETIAB industry representative.

## **3. Agenda Item Discussion**

The updated SETIAB Curriculum Flowchart was introduced and reviewed by Mori Toosi to the board and members present. After lengthy discussions, the item was tabled for future review. The proposed flowchart will be distributed to the colleges offering the ET AS degree for final review and feedback before the next meeting.

## **4. Special presentation: MTDG**

Dr. Dean Bartles, President & CEO, of Manufacturing Technology Deployment Group, Inc. and SETIAB Chair, presented “Transforming Advanced Manufacturing” by driving and accelerating growth. The Manufacturing Technology Deployment Group, Inc. (MTDG) is committed to transforming the advanced manufacturing industrial base worldwide for our sustainable future. Dr. Bartles's slides are appended to these minutes.

## **5. NSF ET Grant Updates – Dr. Marilyn Barger**

Marilyn Barger gave a summary of the grant's progress:

- Outreach-promotional video: the grant has created a series of videos to promote the ET AS Degree program in Florida, including short videos for Polk State College, College of Central Florida, Daytona State College, and St. Petersburg College, and an additional video is in progress to promote the SETIAB mission and goals. All Individual Videos are available for download at [Google Drive Folder - Individual College Short Videos](#).
  - Industry board recruitment: Marilyn invited college representatives who do not currently have an industry representative on the SETIAB to recruit a member from the college's local boards to be part of the board and invited participants to check the SETIAB website to share with potential candidates. Members of the FLATE team offered to help with the recruitment efforts.
  - Meer Almer commented on the difficulties of recruiting an industry member from Eastern Florida State College board as part of the board. There was some discussion about the challenges of establishing Industry Advisory Boards for college programs.
  - Curriculum framework:
    - Proposed updated curriculum framework standards that will replace standards 12-18 of the current Advanced Manufacturing specialization were reviewed. The ET core standards 1-11 of the degree program will remain the same.
- It is proposed to change the specialization name change from Advanced Manufacturing to Advanced Automation. The discussion and approval of the name change are still under review and voting by the members. The SETIAB will collect feedback from colleges for name changes.
- If the name changed, then the current Advanced Manufacturing Specialization and the four embedded College Credit Certificates will be daggered for deletion. Colleges currently offering the program will have two-to-three years to implement the required modifications to the program. Once the new specialization is approved by FDOE, the four College Credit Certificates will need to be updated and submitted to FDOE as new programs. Participants discussed the importance of keeping the word “manufacturing” in the title of the new specialization.

## **6. Sterling Manufacturing Business Excellence Awards (SMBE)**

Phil Centonze explained the Sterling Manufacturing Business Excellence (SMBE) Award Process. The SMBE Awards and recognition are given annually to regional manufacturers who achieve important levels of performance in several categories, including leadership, strategy, customer and market focus, measurement, analysis, knowledge management, workforce, and operations. The purpose of the program includes recognition, organization learning, development, and elevation of manufacturers and sectors. The nomination process starts in October. All manufacturers with production facilities in Florida and Georgia are eligible to participate. Anyone may nominate. All nominees receive a value-added evaluation feedback session with company strengths and opportunities for improvement. Company investment is a nominal fee (\$700-\$900) and time for preparing the profile hosting a site visit and participating in group interviews.

## **7. Comments & New Business:**

Open Floor Suggestions:

- Peter Cirak reinforced the importance of recruiting local manufacturers to be part of the SETIAB. Contacting the local regional manufacturers associations (RMAs) may be a good strategy for recruitment.
- Sid Martin informed us that St. Petersburg College (SPC) is considering creating a Semiconductors Manufacturing specialization.
- Mori Toosi reminded participants that the board has to approve the name change specialization.
- Communication channels:  
Marilyn Barger and Mori Toosi recommended contacting each College's industry board and asking what their needs are.  
Sid Martin commented that SPC has a special "Business Relation" position to recruit industry. Marilyn Barger requested participants to think about strategies for engaging and recruiting the industry and how to help the industry identify their needs.  
Marilyn Barger requested participants complete the new ET Pathways Grant Surveys: "Industry Member" and "College Faculty".

## **8. Next Meeting**

The next Board of Directors' meeting will be at Northwest Florida State College in Niceville, FL on Thursday, September 11, 2025, with virtual and in-person options.

## **9. Adjourn**

On a motion duly made, it was resolved to adjourn the meeting at 5:30 p.m. Motion carried. (Motion to adjourn was made by Dr. Dean Bartles and seconded by Peter Cirak. All approved.

## **Action Items:**

Finalize new frameworks for AA; respond to a short survey about the name of the new specialization; recruit SETIAB members.

## **Resources**

Links to the presentations, links to the new ET Automation videos, and other materials are available at <https://drive.google.com/drive/folders/1yrnBr8JnCPHwka56wpglAxBq18ecyjnW?usp=sharing>

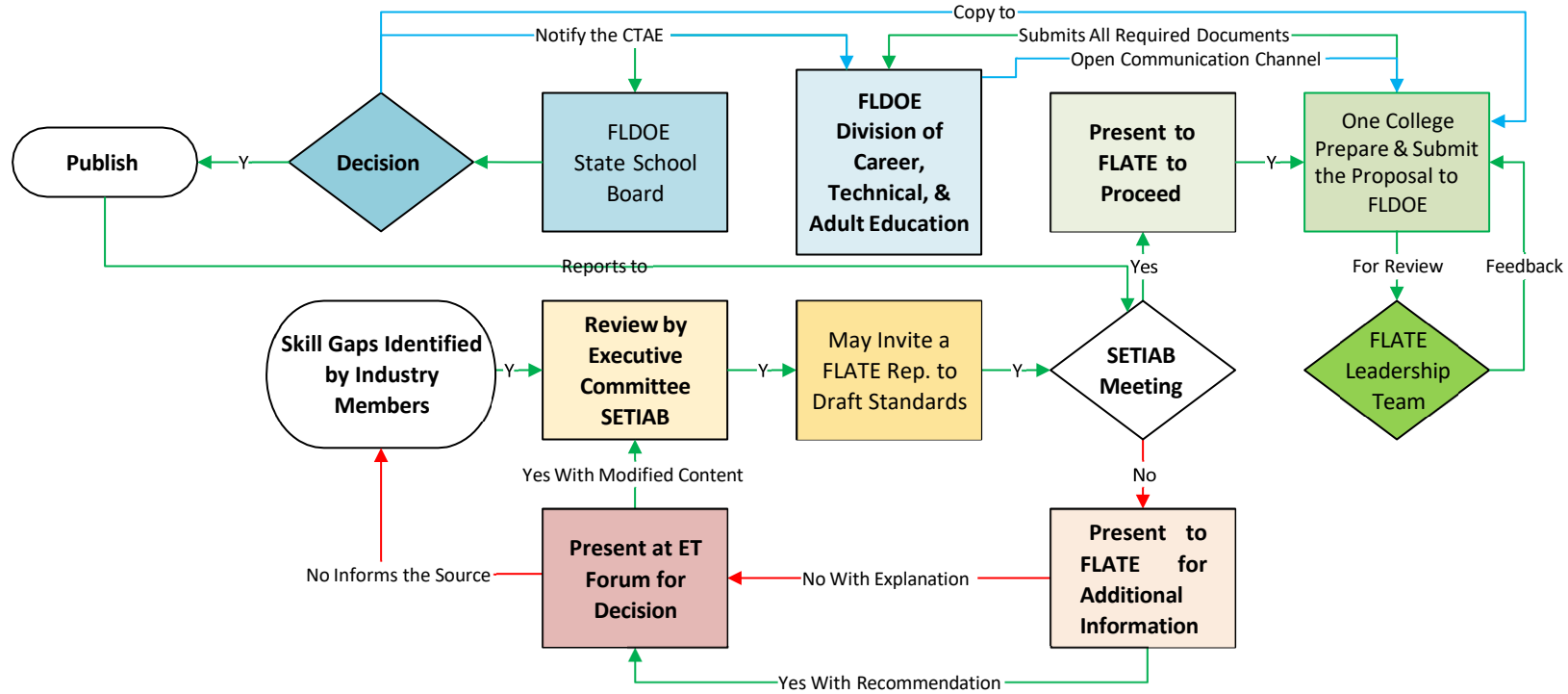
**Spring 2025 ET Forum Video Recordings:**

April 3 (Day 1): <https://youtu.be/z6lOC4CLkr4>, April 4 (Day 2): <https://youtu.be/6iXlIkZPIAQ>

**DISCLAIMER**

The above minutes should be used as a summary of the motions passed and issues discussed at the meeting. This document shall not be considered a verbatim copy of every word spoken at the meeting.

# Engineering Technology Curriculum Approval Process



This material is based upon work developed with funding from the National Science Foundation under Award 2148138. Its content is solely the work of the authors and not the National Science Foundation. Rev: 04-2025.

