



|  <b>GOAL</b><br>1 | Year 5 | Year 6                     | Year 7                     | Year 8                     | Year 9                     |
|---|--------|----------------------------|----------------------------|----------------------------|----------------------------|
|   |        | 07/01/08<br>to<br>09/30/09 | 10/01/09<br>to<br>09/30/10 | 10/01/10<br>to<br>09/30/11 | 10/01/11<br>to<br>09/30/12 |

To identify and secure funds to partially sustain FLATE.

| OBJECTIVE  |  |  |  |  |  |
|--|--|--|--|--|--|
| 1.1 FLATE will secure funds from at least one State Center of Excellence.  |  |  |  |  |  |
| 1.2 FLATE will have an operational 501(c)(3) not-for-profit corporation.   |  |  |  |  |  |
| 1.3 FLATE will secure funds for at least 1 Florida Dept of Education Perkin's project.   |  |  |  |  |  |
| 1.4 FLATE will execute the administrative host-developed institutionalization plan.  |  |  |  |  |  |
| 1.5 FLATE will secure external funds for programmatic activities.  |  |  |  |  |  |
| 1.6 FLATE will have a transportable Sterling/Baldrige assessment model to meet NSF ATE needs.  |  |  |  |  |  |
| 1.7 FLATE will conduct an organization self-assessment based on Sterling/ Baldrige criteria to monitor performance and measure impact. |  |  |  |  |  |

|   |                  |                            |                            |                            |                            |                            |
|---|------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|  | <b>GOAL</b><br>2 | <b>Year 5</b>              | <b>Year 6</b>              | <b>Year 7</b>              | <b>Year 8</b>              | <b>Year 9</b>              |
|   |                  | 07/01/08<br>to<br>09/30/09 | 10/01/09<br>to<br>09/30/10 | 10/01/10<br>to<br>09/30/11 | 10/01/11<br>to<br>09/30/12 | 10/01/12<br>to<br>09/30/13 |

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.

| OBJECTIVE   |   |  |  |  |  |
|---|---|--|--|--|--|
| 2.1 Two community colleges will have adopted the AS/AAS Engineering Technology (ET) Degree.   | X |  |  |  |  |
| 2.2 FLATE will align appropriate technical high school frameworks for articulation with the ET Degree.                                      | X |  |  |  |  |
| 2.3 FLATE will create a map to minimize replicate courses in the ET Degree.   |   |  |  |  |  |
| 2.4 FLATE will have identified where MSSC gaps are present in ET Degree core.   |   |  |  |  |  |
| 2.5 FLATE will adopt/adapt curriculum content based on MSSC gap analysis.   |   |  |  |  |  |
| 2.6 FLATE will develop a post secondary adult vocational framework for articulation to the ET Degree.                                       |   |  |  |  |  |
| 2.7 One high school technology program will have adopted the FLATE developed frameworks that articulate to the ET Degree.                   |   |  |  |  |  |
| 2.8 FLATE will consolidate ET core course numbers to a minimal set.   |   |  |  |  |  |
| 2.9 FLATE will facilitate at least 1 new ET Degree specialization track and/or certificate.   |   |  |  |  |  |
| 2.10 FLATE will join an ATE consortium to determine the feasibility of a Virtual Factory learning platform.                                 |   |  |  |  |  |
| 2.11 FLATE will create an articulation pathway for the ET Degree into a B.S. Engineering Degree.  |   |  |  |  |  |
| 2.12 There will be at least 1 Engineering College articulation with the ET Degree.  |   |  |  |  |  |
| 2.13 FLATE will facilitate 8 ET Degree adoptions by Florida Community Colleges.   |   |  |  |  |  |
| 2.14 FLATE will facilitate 8 ET Degree high school programs to ET Degree articulations.   |   |  |  |  |  |
| 2.15 FLATE will facilitate 6 new ET Degree specialization tracks and/or certificates.   |   |  |  |  |  |
| 2.16 FLATE will be the permanent liaison between FLDOE and community colleges for development/revisions of technical curriculum frameworks. |   |  |  |  |  |




**GOAL**  
**3**

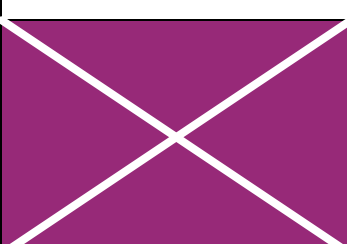
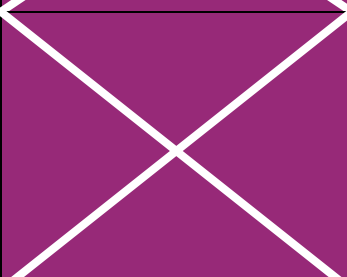



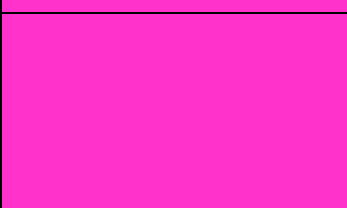

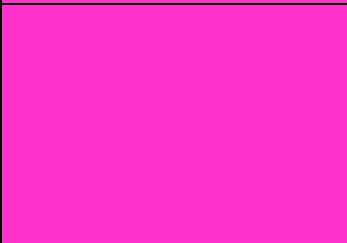

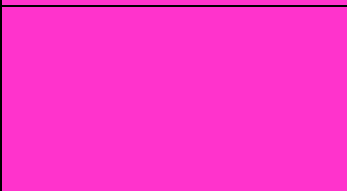

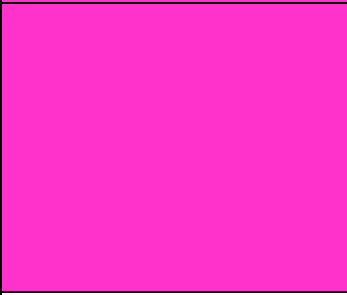
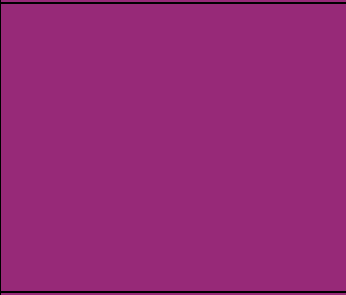

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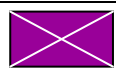
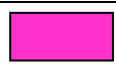
To provide an effective outreach platform for Florida's high school, community college, industry, and legislature to access information related to the requirements for, and impact of manufacturing education.

| OBJECTIVE  |  |  |  |  |  |
|--|--|--|--|--|--|
| 3.1 FLATE will implement the components of the "Made in Florida" (MIF) campaign statewide.   |  |  |  |  |  |
| 3.2 FLATE will have 5 different MIF Design Challenges based on FL manufacturing facilities and related to appropriate STEM skills. |  |  |  |  |  |
| 3.3 FLATE will have a series of 6 interactive "manufacturing career pathways" on the MIF website.                                  |  |  |  |  |  |
| 3.4 FLATE will showcase community college exemplary training facilities on the MIF website.  |  |  |  |  |  |
| 3.5 FLATE will facilitate 1 additional "Made in Florida – Up Close" video sponsored by a Florida based manufacturing company.      |  |  |  |  |  |
| 3.6 FLATE will partner with MAF and the RMAs to support student activities.  |  |  |  |  |  |
| 3.7 FLATE will make available a exportable turnkey MIF outreach kit.   |  |  |  |  |  |
| 3.8 FLATE will implement statewide representation on its Industry Advisory Committee.  |  |  |  |  |  |

|  |                            |                            |                            |                            |                            |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|  <b>GOAL</b><br>4 | <b>Year 5</b>              | <b>Year 6</b>              | <b>Year 7</b>              | <b>Year 8</b>              | <b>Year 9</b>              |
|  | 07/01/08<br>to<br>09/30/09 | 10/01/09<br>to<br>09/30/10 | 10/01/10<br>to<br>09/30/11 | 10/01/11<br>to<br>09/30/12 | 10/01/12<br>to<br>09/30/13 |

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.

| OBJECTIVE   |   |  |   |   |  |
|---|---|--|---|---|--|
| 4.1 FLATE will schedule a training series for the Florida Engineering (ET) Technology Forum.                                  |    |  |   |   |  |
| 4.2 FLATE will offer one additional integrated Toothpick Factory Simulation event.  |   |  |   |   |  |
| 4.3 FLATE will identify its professional development instructor team.   |  |  |   |   |  |
| 4.4 FLATE will schedule one training event at the Florida Engineering Technology (ET) Forum.                                  |  |  |   |   |  |
| 4.5 FLATE will deliver MSSC Certification training for relevant faculty.  |  |  |   |   |  |
| 4.6 FLATE will deliver STEM teachers workshops in partnership with the NASA supported Endeavor Academy.                       |  |  |  |   |  |
| 4.7 FLATE will offer 3 integrated Toothpick Factory Simulation events.  |  |  |   |  |  |
| 4.8 FLATE will offer 3 professional development courses on ET Degree specialization content and/or instructional development. |  |  |   |  |  |
| 4.9 FLATE will deliver 3 MSSC Certification training sessions.  |   |  |   |  |  |

|   |                     |
|---|---------------------|
|  | Completion Target   |
|  | Done                |
|  | Supporting activity |