

| Target Objectives |  FLATE Specific Goals and Target Objectives(2008-2011) | Effectiveness Measures |
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| GOAL 1. To identify and secure funds to partially sustain FLATE. | | |
| 1.1 | FLATE will secure funds from at least one State Center of Excellence. | SE-1 |
| 1.2 | FLATE will have an operational 501(c)(3) not-for-profit corporation. | SE-2 |
| 1.3 | FLATE will execute the administrative host-developed institutionalization plan. | SE-4 |
| 1.4 | FLATE will secure external funds for programmatic activities. | SE-1 |
| 1.5 | FLATE will have a transportable Sterling/Baldrige assessment model to meet NSF ATE needs. | SE-3 |
| 1.6 | FLATE will biannually evaluate stakeholder satisfaction to monitor performance and measure impact. | SE-3 |
| 1.7 | FLATE will conduct a biannual organization self-assessment based on Sterling/Baldrige criteria to monitor performance and measure impact. | SE-3 |
| 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. | | |
| 2.1 | Eight community colleges will have adopted the AS/AAS Engineering Technology (ET) Degree. | CE-1, CE-2, CE-3, CE - 4 |
| 2.2 | FLATE will align appropriate technical high school frameworks for articulation with the ET Degree. | CE-5 |
| 2.3 | FLATE will create a map to minimize replicate courses in the ET Degree. | Self-contained in the objective description |
| 2.4 | FLATE will have identified where MSSC gaps are present in ET Degree core. | Self-contained in the objective description |
| 2.5 | FLATE will adopt/adapt curriculum content based on MSSC gap analysis. | Self-contained in the objective description |
| 2.6 | FLATE will develop a post secondary adult vocational framework for articulation to the ET Degree. | CE-9, CE-10 |
| 2.7 | One high school technology program will have adopted the FLATE developed frameworks that articulate to the ET Degree. | CE-5, CE-6, CE-7, CE-8 |
| 2.8 | FLATE will consolidate ET core course numbers to a minimal set. | Self-contained in the objective description |
| 2.9 | FLATE will facilitate at least 7new ET Degree specialization track and/or certificates. | CE-1, CE-4 |
| 2.10 | FLATE will join an ATE consortium to determine the feasibility of a Virtual Factory learning platform. | SE-5, self contained |
| 2.11 | FLATE will create an articulation pathway for the ET Degree into a B.S. Engineering Degree. | CE-1, CE-4, CE-11 |
| 2.12 | There will be at least 1 Engineering College articulation with the ET Degree. | CE-2, CE-11 |
| 2.13 | FLATE will facilitate 8 ET Degree high school programs to ET Degree articulations. | CE-6, CE-7, CE-8, CE-12, CE-13 |
| 2.14 | FLATE will be the permanent liaison between FLDOE and community colleges for development/revisions of technical curriculum frameworks. | SE-5, self contained |
| 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. | | |
| 3.1 | FLATE will implement the components of the "Made in Florida" (MIF) campaign statewide. | OE-1-15 |
| 3.2 | FLATE will have 5 different MIF Design Challenges based on FL manufacturing facilities and related to appropriate STEM skills. | Self-contained in the objective description |
| 3.3 | FLATE will have a series of 6 interactive "manufacturing career pathways" on the MIF website. | OE-6 |
| 3.4 | FLATE will showcase community college exemplary training facilities on the MIF website. | OE-6 |
| 3.5 | FLATE will facilitate manufacturing video components for MIF outreach and curriculum support | OE-6 |
| 3.6 | FLATE will partner with MAF and the RMAs to support student activities. | SE-5 |
| 3.7 | FLATE will make available a exportable turnkey MIF outreach kit. | Self-contained in the objective description |
| 3.8 | FLATE will implement statewide representation on its Industry Advisory Committee. | Self-contained in the objective description |
| 3.9 | FLATE will increase participation in the FLATE awards program. | OE-12 |
| 3.10 | FLATE will expand its summer camp program for student recruitment. | OE-14, OE-15 |
| 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. | | |
| 4.1 | FLATE will annually conduct PD training series at the Florida Engineering (ET) Technology Forum. | PDE-1, PDE-3, PDE-4 |
| 4.2 | FLATE will offer 5 additional integrated Toothpick Factory Simulation events. | PDE-1, PDE-2, PDE-4 |
| 4.3 | FLATE will provide MSSC Certification training for relevant faculty. | PDE-1, PDE-2, PDE-4 |
| 4.4 | FLATE will deliver STEM teachers workshops in partnership with expert STEM organizations. | PDE-1, PDE-2, PDE-4 |
| 4.5 | FLATE will support professional development at technical conferences including HiTEC. | PDE-1, PDE-2, PDE-4 |
| 4.6 | FLATE will support teacher summer externships in industry in partnership with Teacher Quest. | PDE-1, PDE-4 |
| 4.7 | FLATE will provide teacher support for developing /updating classroom curriculum. | PDE-1, PDE-4 |

Key to Effectiveness Measures:

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| SE-1 | HCC contract numbers |
| SE-2 | EIN; corporate documents |
| SE-3 | Formalized Baldrige-based evaluation plan |
| SE-4 | HCC FLATE position created |
| SE-5 | Signed MOU, Letter of Agreement, or other documents formalizing relationships |
| CE-1 | Community Colleges - % of implementations in existing programs |
| CE-2 | Community Colleges - % increase in students participating |
| CE-3 | Community Colleges - # of new programs |
| CE-4 | Community Colleges - # of new specializations |
| CE-5 | High Schools - % adopting automation and robotics framework |
| CE-6 | High Schools - % increase in students participating |
| CE-7 | High Schools - % of HS integrating MSSC standard in existing non-FLATE framework; |
| CE-8 | High Schools - % increase in students participating in any MSSC aligned framework |
| CE-9 | PSAVs - % integrating MSSC standard in FLATE and non-FLATE frameworks |
| CE-10 | PSAVs - % increase in students participating |
| CE-11 | Community Colleges - # of college level completers (through various sources) in ET programs |
| CE-12 | High Schools - # of HS level completers (through various sources) in related programs |
| CE-13 | PSAV - # of completers (through various sources) in related programs |
| OE-1 | Florida Trend Magazine's publication NEXT (Mfg advertorial) - # of contacts by category |
| OE-2 | Florida Trend Magazine's publication NEXT (Mfg advertorial) - # of qualified leads forwarded to secondary & post secondary |
| OE-3 | Florida Trend Magazine's publication NEXT (Mfg advertorial) - # distributed career planning handouts by FLATE and Outreach personnel |
| OE-4 | Tour Survey results (re: perceptions of students about working in manufacturing) |
| OE-5 | Tour Survey results (re: perceptions of industry hosts) |
| OE-6 | # hits on the Made-in-Florida (MIF) website (home, Video, scholarships, or careers) |
| OE-7 | # MIF DVDs distributed |
| OE-8 | # hits on the FLATE.org website |
| OE-9 | \$ value of industry cash contribution to FLATE's outreach effort |
| OE-10 | \$ value of industry in-kind contribution to FLATE's outreach effort |
| OE-11 | # presentations at conferences, events, etc |
| OE-12 | # nominees for FLATE awards |
| OE-13 | # hits on FLATE scholarship page |
| OE-14 | # students attending FLATE supported summer camps |
| OE-15 | # students enrolled in STEM courses and programs after camp |
| PDE-1 | Level 1 usefulness/ applicability measures collected at professional development events/training sessions. |
| PDE-2 | # participant contact hours in workshops/training |
| PDE-3 | # participant contact hours in ET Forum |
| PDE-4 | Faculty self-evaluation of performance changes in the workplace as a result of professional development events/training sessions |