

Target Objectives	 <b>FLATE Specific Goals and Target Objectives(2008-2011)</b>	<b>Effectiveness Measures Revised 12/15/10</b>
<b>GOAL 1. To ensure that FLATE's mission is sustained.</b>		
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, SE-5
1.4	FLATE will secure external funds for programmatic activities.	SE-1
1.5	FLATE will have a transportable products (Sterling/Baldrige assessment model, best practices, etc) 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
<b>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.</b>		
2.1	Eight community colleges will have adopted the AS/AAS Engineering Technology (ET) Degree.	CE-1, CE-3
2.2	FLATE will align appropriate technical high school frameworks for articulation with the ET Degree.	CE-5
2.3	Enrollment and completers will increase in high school and post secondary ET related programs.	CE-2, CE-6, CE-7 CE-8 CE-9 CE-10
2.4	FLATE will have identified where MSSC gaps are present in ET Degree core.	CE-12
2.5	FLATE will adopt/adapt curriculum content based on MSSC gap analysis.	CE-13
2.6	FLATE will develop a post secondary adult vocational framework for articulation to the ET Degree.	CE-5
2.7	One high school technology program will have adopted the FLATE developed frameworks that	CE-3
2.8	FLATE will consolidate and map ET core course numbers to a minimal set in order to minimize replicate courses in the ET Degree in the state curriculum framework.	CE-11
2.9	FLATE will facilitate at least 7 new ET Degree specialization track and/or certificates.	CE-1, CE-4
2.1	FLATE will join an ATE consortium to determine the feasibility of a Virtual Factory learning platform.	SE-5
2.11	FLATE will create an articulation pathway for the ET Degree into a B.S. Engineering Degree.	CE-5
2.12	There will be at least 1 Engineering College articulation with the ET Degree.	SE-5
2.13	FLATE will facilitate high school programs to ET Degree new specialization pathways	CE-14
2.14	FLATE will be the permanent liaison between FLDOE and community colleges for development/revisions of technical curriculum frameworks.	SE-5
<b>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.</b>		
3.1	FLATE will implement the components of the "Made in Florida" (MIF) campaign statewide.	OE-1-14
3.2	FLATE will have 5 different MIF Design Challenges based on FL manufacturing facilities and related to appropriate STEM skills.	OE-5
3.3	FLATE will have a series of 6 interactive "manufacturing career pathways" on the MIF website.	OE-5
3.4	FLATE will showcase community college exemplary training facilities on the MIF website.	OE-5
3.5	FLATE will facilitate manufacturing video components for MIF outreach and curriculum support	OE-5
3.6	FLATE will partner with MAF and the RMAs to support student activities.	SE-5, OE-6, OE-9, OE-10
3.7	FLATE will make available a exportable turnkey MIF outreach kit.	OE-5
3.8	FLATE will implement statewide representation on its Industry Advisory Committee.	OE-5; SE-5
3.9	FLATE will increase participation in awards programs.	OE-12
3.10	FLATE will expand its summer camp program for student recruitment.	OE-13, OE-14
<b>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.</b>		
4.1	FLATE will annually conduct PD training series at the Florida Engineering (ET) Technology Forum.	PDE-1, PDE-2, 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.	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

<b>Key to Effectiveness Measures:</b>	
SE-1	HCC contract numbers
SE-2	EIN; corporate documents
SE-3	Formalized Baldrige-based evaluation plan
SE-4	HCC Brandon Campus organizational chart showing shared position
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 as reported by statewide data request
CE-4	FLDOE Curriculum Framework documents
CE-5	High Schools - % adopting state framework for automation and robotics from FLDOE data request CIP 9200100
CE-6	High Schools - % increase in students participating in ET programs
CE-7	PSAVs - % increase in students participating in ET programs
CE-8	Community Colleges - # of college level completers (through various sources) in ET programs
CE-9	High Schools - # of HS level completers (through various sources) in related programs
CE-10	PSAV - # of completers (through various sources) in related programs
CE-11	ET Forum #17 (F06) and forward reports
CE-12	Alignment map of MSSC standards to ET core curriculum frameworks
CE-13	course student outcomes gaps documents
CE-14	High school certification indicator data
OE-1	Florida Trend Magazin's publication NEXT (Mfg advertorial) - # of contacts by category
OE-2	schools
OE-3	Florida Trend Magazine's publication NEXT (Mfg advertorial) - comparison to overall advertorial performance
OE-4	Post-tour survey results (re: perceptions of students and industry
OE-5	# hits and sources on the Made-in-Florida (MIF); flate.pbwiki.com; and stem-at-work.org (home, video, scholarships, or careers) from sources
OE-6	# newsletters distributed
OE-7	# MIF DVDs distributed and web video views
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	# students attending FLATE supported summer camps
OE-14	survey results for # students enrolled in STEM courses and programs after camp
PDE-1	end of event "satisfaction" survey results
PDE-2	# participant contact hours in workshops/training
PDE-3	# participant contact hours in ET Forum
PDE-4	sessions