

Target Objectives	FLATE Specific Goals and Target Objectives(2008-2011)	Effectiveness Measures
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 secure funds for least 1 Florida Dept of Education Perkin's project.	SE-1
1.4	FLATE will execute the administrative host-developed institutionalization plan.	SE-4
1.5	FLATE will secure external funds for programmatic activities.	SE-1
1.6	FLATE will have a transportable Sterling/Baldrige assessment model to meet NSF ATE	SE-3
1.7	FLATE will conduct a 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	Two community colleges will have adopted the AS/AAS Engineering Technology (ET) Degree.	CE-1, CE-2, CE-3
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-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
2.8	FLATE will consolidate ET core course numbers to a minimal set.	CE-17
2.9	FLATE will facilitate at least 1 new ET Degree specialization track and/or certificate.	CE-16
2.10	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-16
2.12	There will be at least 1 Engineering College articulation with the ET Degree.	Self-contained in the objective description
2.13	FLATE will facilitate 8 ET Degree adoptions by Florida Community Colleges.	CE-1, CE-2, CE-3, CE-11
2.14	FLATE will facilitate 8 ET Degree high school programs to ET Degree articulations.	CE-6, CE-7, CE-8, CE-12, CE-13
2.15	FLATE will facilitate 6 new ET Degree specialization tracks and/or certificates.	CE-2, CE-4, CE-16
2.16	FLATE will be the permanent liaison between FLDOE and community colleges for development/revisions of technical curriculum frameworks.	SE-5
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, 2, 3, 4, 5, 6, 7, 8, 9, 10
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 1 additional "Made in Florida- Up Close" video sponsored by a Florida based manufacturing company.	Self-contained in the objective description
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
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 schedule a training series for the Florida Engineering (ET) Technology Forum.	PDE-1, PDE-3, PDE-4
4.2	FLATE will offer one additional integrated Toothpick Factory Simulation event.	PDE-1, PDE-2, PDE-4
4.3	FLATE will identify its professional development instructor team.	SE-5
4.4	FLATE will schedule one training event at the Florida Engineering Technology (ET) Forum.	PDE-1, PDE-3, PDE-4
4.5	FLATE will deliver a MSSC Certification training for relevant faculty.	PDE-1, PDE-2, PDE-4
4.6	FLATE will deliver STEM teachers workshops in partnership with the NASA supported Endeavor Academy.	PDE-1, PDE-2, PDE-4
4.7	FLATE will offer 3 integrated Toothpick Factory Simulation events.	PDE-1, PDE-2, PDE-4
4.8	FLATE will offer 3 professional development courses on ET Degree specialization content and/or instructional development.	PDE-1, PDE-3, PDE-4
4.9	FLATE will deliver 3 MSSC Certification training sessions.	PDE-1, PDE-2, PDE-4
4.10	FLATE will develop 1 additional Toothpick Factory Expansion Module	Self-contained in the objective description

Key to Effectiveness Measures:		
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 existing non-FLATE frameworks	
CE-10	PSAVs - % increase in students participating	
CE-11	Community Colleges - # of college level completers (through various sources)	
CE-12	High Schools - # of HS level completers (through various sources)	
CE-13	# of other programs asking for curriculum model as a best practice	
CE-14	# of students using Made in Florida Learning Challenges	
CE-15	# of students using soft skills module	
CE-16	Assigned CIP numbers by FL DOE	
CE-17	# of distinct courses used by institutions to fulfill ET Core requirements	
OE-1	Florida Trend Magazine's publication NEXT (Mfg advertorial) - # of contacts	
OE-2	Florida Trend Magazine's publication NEXT (Mfg advertorial) - # of qualified leads forwarded to secondary schools	
OE-3	Florida Trend Magazine's publication NEXT (Mfg advertorial) - # distributed career planning handouts by FLATE and OM & OA's	
OE-4	Tour Survey results (re: perceptions of attendees) (modify this by identifying responses to specific selected questions)	
OE-5	Tour Survey results (re: perceptions of industry) (modify this by identifying responses to specific selected questions)	
OE-6	# hits on the Made-in-Florida (MIF) website	
OE-7	# MIF DVDs distributed	
OE-8	# hits on the FL-ATE.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	
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	