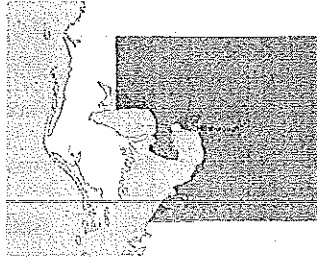


Hillsborough Community College

PO Box 31127

Tampa, Florida 33631

Find Programs Report



Economic Modeling Specialists, Inc. www.economicmodeling.com

EMSI

Region Info

Region: hillsborough

County Areas: Hillsborough, Florida (12057)

Filter

Condition	Value
Education Level	Postsecondary vocational award
	Associate's degree

Occupations Ranked By Wage and Growth

SOC Code	Name	2008 Jobs	2018 Jobs	Change	Education Level	Hourly Earnings
29-1111	Registered nurses	11,224	13,683	2,459	Associate's degree	\$27.95
29-2021	Dental hygienists	657	874	217	Associate's degree	\$29.54
23-2011	Paralegals and legal assistants	1,806	2,133	327	Associate's degree	\$24.17
41-9022	Real estate sales agents	2,479	3,097	618	Postsecondary vocational award	\$23.77
29-2034	Radiologic technologists and technicians	1,205	1,322	117	Associate's degree	\$24.90
15-1099	Computer specialists, all other	464	545	81	Associate's degree	\$30.60
31-2021	Physical therapist assistants	300	380	80	Associate's degree	\$24.81
29-1126	Respiratory therapists	554	683	129	Associate's degree	\$21.75
17-3022	Civil engineering technicians	752	852	100	Associate's degree	\$21.79
29-2061	Licensed practical and licensed vocational nurses	4,102	4,638	536	Postsecondary vocational award	\$19.28

Source: EMSI Covered Employment - Fall 2008



Workforce Development at Hillsborough Community College

43 Associate of Science (AS) and Associate of Applied Science (AAS) Degree Programs

67 College Credit Certificates/ Short-Term Training

11 Post-Secondary Adult Vocational Programs (PSAV)

Continuing Education Centers

Institute for Florida Studies

The Corporate Training Center (TCTC)

Florida Advanced Technological Education Centers (FLATE)

Employ Florida Banner Center for Manufacturing Education

Current Programs in High Demand

- Health Sciences-Nursing, Emergency Medical Technicians
- Business-International Business & Entrepreneurship
- Information Technology-Cyber Security, Gaming Software Development
- Criminal Justice-Crime Scene Technology-Forensics

Emerging Programs & Programs in Development

- Engineering Technology/Manufacturing (FLATE, SPC, & USF)
Specializations in Advanced Manufacturing, Electronics, Quality, Advanced Technology, Mechanical Design and Fabrication, and Alternative Energy
- Biotechnology (HCC, USF)
AS & BS Degrees and Technical Certificates w/emphasis on medical training, computer training, and laboratory organization
- Supply Chain Management and Logistics (Exploratory Discussions)

Corporate & Short-Term Training (TCTC/Continuing Education)

Light Industrial

- Water/Waste Management Training (combination of various training courses)
- Lean Training
- Occupational Safety and Health Administration Training (OSHA)

Logistics & Distribution

- Purchasing & Supply Chain Management (on-line)
- Lean to Green
- Manufacturing Skill Standards Certification (MSSC)
- Programmable Logic Controls (PLC)
- Management and Supervisory Skills

Health Care

- Customized Clinical Research Training
- Clinical Research Analyst Training



Center Overview

Organizational

Outreach

Curriculum

Professional Development

ATE CENTERS



FLATE was created in 2004 through a National Science Foundation Advanced Technological Education (NSF-ATE) grant. The Center is one of 36 ATE Centers of Excellence in the United States focused on improving science, technology, engineering and math education supporting the technician workforce needs of American advanced and emerging technology industries.

FLATE Facts
Planning Grant funded in 2002
FLATE Center funded in 2004 and 2008
Awarded over \$5,500,000
Administratively located at Hillsborough Community College's Brandon Campus in Tampa, FL
Supports Career and Technical Education in secondary and post secondary programs
Leadership Team: HCC, SPC and USF College of Engineering

Florida's Manufacturing industry



Components of this campaign include the MadeInFlorida.org website; Industry Tours for students & faculty support of Student Organizations; Annual advertorials in NEXT; and summer camps and more!

Outreach

FLATE's review and reform of the statewide manufacturing related Curriculum has redefined technical education in Florida.

Curriculum Reform

FLATE offers workshops on new trends in modern manufacturing, workplace soft skills (the Toothpick Factory) and short courses

Professional Development



This activity supports FLATE's vision to be a quality organization and self sustaining.

www.fl-ate.org | www.madeinflorida.org | email: flate@fl-ate.org



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Biotechnology Workforce

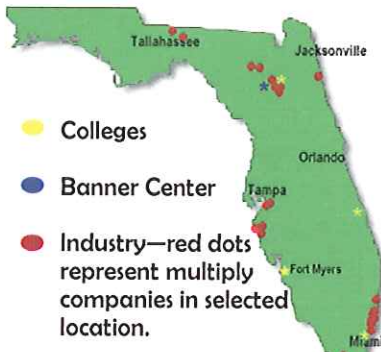
Organizational

Outreach

Curriculum

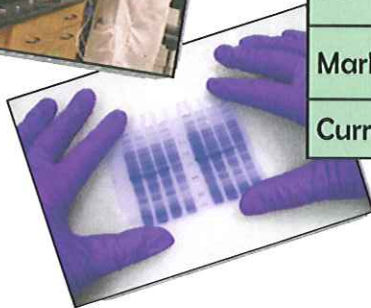
Professional Development

FCoE-BITT



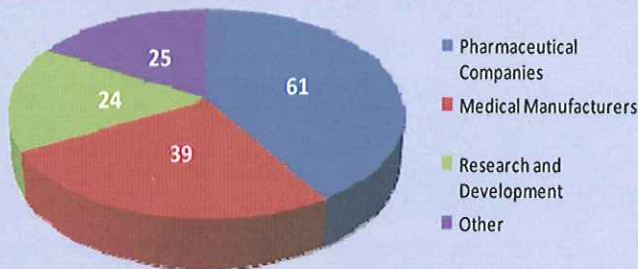
Source: Bio-Link, Center for Biotechnology www.bio-link.org

The Biomolecular Identification and Targeted Therapeutics Center at the University of South Florida is a Florida Department of Education Center of Excellence. Beginning in January 2008, FLATE, the National Science Foundation's Advanced Technological Education Center for Florida, housed at HCC, partnered with BITT to facilitate the workforce development components of BITT. This activity is the basis of a BITT to FLATE three year \$500,000 sub-award which began in January 2008.



Workforce Development Survey	Results
Education Requirements	Technical, Associate in Science and Bachelor of Science degrees
Skill Sets	Medical training, Computer training, Laboratory Organization
Market Base	Local to International
Current Training Practices	Computer- based and OJT

of Bio-related industries in Tampa Bay



"Our companies need workers with knowledge of molecular biology, biochemistry, and cell culture. They need workers who can perform basic research, operate standard lab equipment, understand instrumentation, and follow established lab protocols."

James C. Greenwood
President and chief Executive Officer
Biotechnology Industry Organization



This project supports FLATE's goal to unify and enhance Florida's secondary and post-secondary STEM and Manufacturing curriculum.

www.fl-ate.org | www.madeinflorida.org | email: flate@fl-ate.org

