

## Inventory of Energy Industry Training Programs in Florida

### Career Academies

The career academies listed below were active in the 2009/10 school year. Some schools have lost support from partner utilities and are working on alternative methods to continue the program. The Banner Center for Energy will continue to follow up on each school's status.

Academic Institute	Training Program
<u>Dunnellon High School</u>	Power Industry Academy (Marion County)
<u>Marion Technical Institute High School</u>	Electrical/Lineman Academy (Marion County)
<u>Dixie County High School</u>	Welding Career Academy (Dixie County)
<u>Crystal River High School (In the planning stages)</u>	Utility Operator Academy (Citrus County)
<u>Williston High School (In the planning stages)</u>	Welding Career Academy (Levy County)
<u>Anclote High School (In the planning stages)</u>	Power Industry Academy (Pasco County)
<u>Withlacoochee Technical Institute</u>	In conjunction with the CFCC program (Citrus County)
<u>Community Technical &amp; Adult Education, CTAE</u>	Instrumentation & Control program (Marion County)
<u>Bronson High School - Construction Academy</u>	Construction (Levy County)
<u>Welding Technology Institute at Locklin Tech High School</u>	Welding Technology (Milton FL) Gulf Power
<u>Electrical Technology Institute at Locklin Tech High School</u>	Electrical Technology (Milton FL) Gulf Power
<u>Institutes at Laurel Hill High School</u>	(Laurel Hill FL) Gulf Power
<u>Academy at West Florida High School</u>	Advanced Technology Pensacola (Escambia County) Gulf Power
<u>Orange Park Academy of Engineering and Design High School</u>	Engineering and Design (Clay County)
<u>Robert E. Lee Engineering Academy High School</u>	Engineering (Duval County)
<u>Philip Randolph Energy, Manufacturing, and Construction Academy</u>	Manufacturing, and Construction (Duval County)
<u>Allen D. Nease Academy of Mechanical Engineering</u>	Mechanical Engineering (St Johns County)
<u>Creekside Academy of Environmental and Urban Planning</u>	Environmental and Urban Planning (St Johns County)
<u>Englewood Construction Academy</u>	Construction (Duval County)
<u>Middleburg Academy of Architecture and Construction</u>	Architecture and Construction (Clay County)
<u>Pedro Menendez Academy of Architectural and Building Sciences</u>	Architectural and Building Sciences (St Johns County)
<u>Terry Parker Coastal and Environmental Sciences Academy</u>	Coastal and Environmental Sciences (Duval County)
<u>Lakeland Electric Power Academy at Tenoroc High School</u>	Construction, electrical, mechanical and utility career awareness (Polk County)
<u>Westside Tech Alternative Energy Academy</u>	Alternative Energy (Orange County)

## Post-Secondary Institutions

The data below was gathered by reviewing content on each school's website and phone calls to college representatives, where possible. The data will be updated as new information is provided.

### Energy Related Education and Training Provided by State and Community Colleges in Florida

Banner Center for Energy	Ft. Pierce		<a href="http://www.bannercenterforenergy.com">www.bannercenterforenergy.com</a>	Indian River State College
Banner Center for Alternative Energy	Orlando		<a href="http://www.floridaenergyworkforce.org">www.floridaenergyworkforce.org</a>	University of Central Florida
Florida Solar Energy Center	Melbourne		<a href="http://www.fsec.ucf.edu/en/">www.fsec.ucf.edu/en/</a>	Associated with UCF

School Name	City	College Type	Web Page	Programs offered
Brevard Community College	Cocoa	Community College	<a href="http://www.brevardcc.edu">www.brevardcc.edu</a>	AS Engineering Technology Program; Photovoltaic & Solar Thermal Courses
Broward College	Fort Lauderdale	Community College	<a href="http://www.broward.edu">www.broward.edu</a>	Solar Technician Certificates
College of Central Florida	Ocala	State College	<a href="http://www.cf.edu">www.cf.edu</a>	AS Engineering Technology
Chipola College	Marianna	State College	<a href="http://www.chipola.edu">www.chipola.edu</a>	Seeking funding for a electrical lineman's certificate program
Daytona State College	Daytona Beach	State College	<a href="http://www.daytonastate.edu">www.daytonastate.edu</a>	Building Analyst Professional Certificate related to energy efficiency and energy audits.
Edison State College	Fort Myers	State College	<a href="http://www.edison.edu">www.edison.edu</a>	LEED Prep courses; Solar Energy Applications (Fundamentals and for Contractors) continuing education courses.
Florida State College at Jacksonville	Jacksonville	State College	<a href="http://www.fscj.edu">www.fscj.edu</a>	Center for Lifelong Learning - Course on Energy Issues: Policy, Transition and Alternatives
Florida Keys Community College	Key West	Community College	<a href="http://www.fkcc.edu">www.fkcc.edu</a>	Solar Thermal, & Photovoltaic installation certificates; NABCEP - Entry level cert
Gulf Coast Community College	Panama City	Community College	<a href="http://www.gulfcoast.edu">www.gulfcoast.edu</a>	Alternative Energy Engineering Technology Certificate

<b>Hillsborough Community College</b>	Tampa	Community College	<a href="http://www.hccfl.edu/">www.hccfl.edu/</a>	Banner Center for Energy Partner; partentering with other community colleges to adopt curriculum related to energy and energy efficiency.
<b>School Name</b>	<b>City</b>	<b>College Type</b>	<b>Web Page</b>	<b>Programs offered</b>
<b>Indian River State College</b>	Fort Pierce	State College	<a href="http://www.irsc.edu">www.irsc.edu</a>	AAS Electric Power Technology; Power Plant Technician, Non-licensed Operator & Radiation Protection Technician for nuclear power; Photovoltaic & Solar Thermal Courses; Weatherization; green HVAC tech; Energy Auditing cert
<b>Florida Gateway College (Lake City Community College)_</b>	Lake City	Community College	<a href="http://www.fgc.edu">www.fgc.edu</a>	Banner Center for Energy Partner; Banner Center for Alternative Energy Partner
<b>Lake-Sumter Community College</b>	Leesburg	Community College	<a href="http://www.lsc.edu">www.lsc.edu</a>	Line worker training basic certificate, & advanced certificate; AAS Degree in Electrical Distribution Technology. Pre-apprentice line worker trainings – termed “Boot Camps”.
<b>State College of Florida Manatee &amp; Sarasota</b>	Bradenton	Community College	<a href="http://www.scf.edu">www.scf.edu</a>	Bachelor of Applied Science in Energy Technology Management
<b>Miami Dade College</b>	Miami	Community College	<a href="http://www.mdc.edu">www.mdc.edu</a>	AAS Electrical Power Technology; Mechanical, electrical, and instrumentation and control. Will be adding nuclear operations in the Spring term.
<b>North Florida Community College</b>	Madison	Community College	<a href="http://www.nfcc.edu">www.nfcc.edu</a>	N/A
<b>Northwest Florida State College</b>	Niceville	State College	<a href="http://www.nwfsc.edu">www.nwfsc.edu</a>	Project Management (BAS) - Partnerships with Gulf Power
<b>Palm Beach State College</b>	Lake Worth	State College	<a href="http://www.palmbeachstate.edu">www.palmbeachstate.edu</a>	AAS Electrical Power Technology ; Environment and Energy Technology courses
<b>Pasco-Hernando Community College</b>	Dade City	Community College	<a href="http://www.phcc.edu">www.phcc.edu</a>	N/A
<b>Pensacola State College</b>	Pensacola	State College	<a href="http://www.pensacolastate.edu">www.pensacolastate.edu</a>	Partnered with Gulf Power to offer a "Get into Energy" workshop to middle school students; Offers annual renewable energy forum
<b>Polk Community College</b>	Lakeland	Community College	<a href="http://www.polk.edu">www.polk.edu</a>	1) 40 Hr Solar PV Installation w/Electrical Theory – Participants eligible to site NABCEP PV Entry Level; 2) 24 Hr Solar Domestic Hot Water Installation; 3)

				Green Construction Certification Program - BPI Building Analyst and Envelope Professional Certification Examination Prep.
School Name	City	College Type	Web Page	Programs offered
<b>Saint Johns River Community College</b>	Palatka	Community College	<a href="http://www.sjrcc.edu">www.sjrcc.edu</a>	(Will be state college Jan '11); Electrical apprentice program
<b>Saint Petersburg College</b>	Saint Petersburg	State College	<a href="http://www.spcollege.edu">www.spcollege.edu</a>	AAS Environmental Science Technology leading to a BAS in Sustainability Management; SPC Corporate Training offers photovoltaic training in partnership with Solar Source Institute; LEED education
<b>Santa Fe College</b>	Gainesville	State College	<a href="http://www.sfcollege.edu">www.sfcollege.edu</a>	Sustainability education through School for Construction
<b>Seminole State College</b>	Sanford	State College	<a href="http://www.seminolestate.edu">www.seminolestate.edu</a>	N/A
<b>South Florida Community College</b>	Avon Park	State College	<a href="http://www.southflorida.edu">www.southflorida.edu</a>	Power Electrical Lineman certificate; AAS Electrical Distribution Technology
<b>Tallahassee Community College</b>	Tallahassee	Community College	<a href="http://www.tcc.fl.edu">www.tcc.fl.edu</a>	Banner Center for Energy Partner; Banner Center for Alternative Energy Partner; Solar Thermal, & Photovoltaic courses
<b>Valencia Community College</b>	Orlando	Community College	<a href="http://www.valenciacc.edu">www.valenciacc.edu</a>	Banner Center for Alternative Energy Partner; Building Construction Technology with solar application content; 3 credit course offered "Introduction to Alternative and Renewable Energy" course (EST 1835)