



25 Years of Advanced Technology Expertise: Hovering on the Edge of Technology Commercialization

25th Anniversary Conference

Panama City Beach, Florida • October 9-11, 2013



www.ncatc.org

Hosted by



Welcome to Gulf Coast State College



Serving the Panhandle since 1957, Gulf Coast State College was the first public two-year institution to open in the state.

Throughout its history, the college has been committed as a full partner in the cultural and economic development of our region. Located in Panama City on Florida's Emerald Coast, Gulf Coast's mission to improve economic well-being through the delivery of life-changing learning opportunities now enters an accelerated era with the completion of the GCSC Advanced Technology Center.

Holding true to its boldness of vision, the college invites you to join us as that vision becomes a reality, in the form of our ATC. The ATC is a "game changer," offering access, opportunity, and hope within a unique design driven from its inception by community and industry engagement. The ATC will impact economic growth by providing a broad range of learning opportunities and industry partnerships embedded within the cultural and economic development of our region. The ATC is the culmination of invaluable input from our community of stakeholders, including faculty, staff, students, and our many community partners across our service district, and you.

Members of the NCATC across the country have been influential in the planning of this facility and its services. Thanks to you, here, education, business, and industry will thrive. We are genuinely delighted to host the 25th Anniversary Conference of the NCATC, and to share with each of you our collaborative effort in the nation's newest Advanced Technology Center and proud member of the NCATC.

James Kerley, Ph.D.
President, Gulf Coast State College



Keynote Speakers



Walter G. Bumphus, Ph.D.
President and CEO
American Association of
Community Colleges



Mark Perna
Founder
Tools for Schools



Dale Dougherty (*invited*)
CEO
Maker Media

Concurrent Sessions

- Industry-Led Certificate and Degree Options—Tiered / Stackable Credentials
- From Planning to Practice: Curriculum Framework for Emerging Technologies
- Evolving the Mechatronics Training Programs at Volkswagen Academy
- Exemplary Pathways: The Florida Plan
- Fab Lab—Bridging the ATC Landscape
- Geothermal: The Not-So-New Alternative Energy
- Future Training for Innovative Companies Is 3D Virtual Simulation
- Siemens Cooperates with Education—Incentives, Free Stuff, and Hands-on Technical Exercises with Automation
- Envisioning and the New Workforce
- Next Generation Aerospace Technologies: Hybrid Instruction Models
- Fab Labs as Incubators of Innovation
- Additive Manufacturing in Education
- One Size Doesn't Fit All: Co-op/ Internship Programs
- Igniting Welding Education with STEM
- Integrating Online Curriculum for Advanced Manufacturing Programs
- Recruiting in the Middle Grades
- Expanding Industry Partnerships to Support Innovation and Academics
- Additive Manufacturing: Project TEAM
- US Department of Energy Smart Grid Curriculum Development Project

Schedule at a Glance

Tuesday, Wednesday, and Thursday events held at the Bay Point Wyndham.

Friday events held at Gulf Coast State College.

Tuesday, October 8

1:00–6:00 P.M., Registration

Wednesday, October 9

8:00 A.M.–4:30 P.M., Registration
8:30–9:45 A.M., Continental Breakfast
9:00 A.M.–6:00 P.M., Exhibits Open
11:15 A.M.–12:15 P.M., Concurrent Sessions
12:30–1:30 P.M., Lunch/Keynote
2:00–3:00 P.M., Concurrent Sessions
3:00–3:30 P.M., Break
3:30–4:30 P.M., Concurrent Sessions
5:00–6:00 P.M., Welcome Reception
6:00 P.M., Sunset cruise, shopping at Pier Park, or on your own

Thursday, October 10

7:30 A.M.–12 noon, Registration
8:00 A.M.–6:00 P.M., Exhibits Open
8:00–9:30 A.M., Breakfast
9:45–10:45 A.M., Concurrent Sessions
10:45–11:00 A.M., Break
11:00 A.M.–12 noon, Concurrent Sessions
12:15–1:15 P.M., Lunch
1:15–1:30 P.M., Load Buses for Industry Tours
1:30–4:00 P.M., Tour A—NSA Panama City
1:00–4:30 P.M., Tour B—iSirona & Trane
1:30–4:30 P.M., Tour C—Port Panama City & Oceaneering
5:00 P.M.–6:00 P.M., Cash Bar/Exhibits Open
6:00–7:30 P.M.
Dinner/Keynote: Workforce & Economic Development: The Heart of Advanced Technology Centers

Friday, October 11

7:15–8:15 A.M., Breakfast
8:30–9:30 A.M., Load Buses & Transport to ATC
9:30–11:00 A.M.
GRAND OPENING CEREMONY
Gulf Coast State College ATC
11:00 A.M.–12:30 P.M., ATC Tours
12:30–1:00 P.M., Box Lunches – Depart for Hotel

Register online at www.ncatc.org

Industry Tours

TOUR A

NAVAL SUPPORT ACTIVITY PANAMA CITY

originated in WWII mine countermeasures research. Today, NSA PC hosts diverse tenant commands and activities: Naval Surface Warfare Center, Panama City Division; Center for Explosive Ordnance Disposal and Diving; Naval Diving and Salvage Training Center; Navy Experimental Diving Unit; and more. Assets within the NSA conduct research on littoral warfare and its disciplines including optics, acoustics, mine warfare, and robotics.

TOUR B

iSIRONA helps hospitals leverage patient data through medical device integration. iSirona focuses on flexible software, developed in accordance with the FDA's quality system regulation controls, quickly and accurately moving an ever-growing family of complex medical device data into healthcare EMRs. The Panama City location contains unique spaces merging software development with medical device connectivity through electronic design.

TRANE is a global provider of heating, ventilating and air conditioning (HVAC) systems as well as building management systems and controls under the Trane and American Standard brand names. The Lynn Haven, Florida, facility produces both residential and commercial units (up to 2 tons), implementing a fully robotized and automated manufacturing line.

TOUR C

PORT PANAMA CITY can accommodate large ocean carriers with channel and berthing areas to 36 feet. Container facilities and an 80,000-square-foot multibulk terminal support its cargo to an annual level of 2.1–2.4 million tons. Biomass fuel storage, steel piping transport, and copper import features are among the assets within the region.

OCEANEERING—Oceaneering is a global oilfield provider of engineered services and products, primarily to the offshore oil and gas industry, with a focus on deepwater applications. Through the use of its applied technology expertise, Oceaneering also serves the defense, entertainment, and aerospace industries.

Grand Opening: Gulf Coast State College Advanced Technology Center



Gulf Coast's new ATC features 93,500 square feet dedicated to driving and accelerating regional economic growth by fostering partnerships across business, industry, government, and education. The ATC will serve as a national model for best practices in connecting education to business and industry

through flexible and accessible education programs woven into entrepreneurial initiatives and assets. The ATC is designed to establish and support regional growth clusters in prototyping and fabrication, digital media, cyber security, culinary, and more. Over six years in planning and construction culminate on October 11 as Gulf Coast State officially opens this unique center. As a participant in NCATC's 25th Anniversary Conference, you'll have a reserved seat at this event. You'll take home ideas from across the nation for career and technical education, commercialization as a largely untapped revenue for community and technical colleges, learning environments focused on technology enriched teaching, and facility elements optimizing environmental stewardship. Join us for the grand opening of the nation's newest ATC.

Conference Hotel

The **Bay Point Wyndham Resort** on St. Andrews Bay in Panama City Beach features championship golf, five pools, stunning bay views, and many other amenities. Reservation deadline is **September 22**. Call 866-269-9165 or visit the NCATC website for a direct link to Bay Point's online reservations.

ROOM TYPE	CONFERENCE RATE
Resort View	\$139
Bay View	\$159
Golf Suite One Bedroom	\$189
Golf Suite Two Bedroom	\$289

Registration Fees

CONFERENCE FEES

	Members	Non-Members
Early-Bird (before 8/31/2013)	\$450	\$550
Regular (after 8/31/2013)	\$475	\$575
Team Member	\$450	\$550
Exhibitor	\$295	\$495

SPECIAL OPTIONS

	Members	Non-Members
One-Day – Wednesday (10/9/13)	\$295	\$349
One-Day – Thursday (10/10/13)	\$295	\$349
Guest Lunch – Wednesday (10/9/13)	\$70	\$90
Guest Lunch – Thursday (10/10/13)	\$70	\$90
Guest Dinner – Thursday (10/10/13)	\$90	\$125

Ground Transportation

Shuttle will run hourly between airport, Northwest Florida Beaches (ECP), and Bay Point Wyndham. Advance reservations required. *Visit NCATC website for details.*

Optional Activities

Evening of Wednesday, October 9

Sunset Sail—Enjoy a 2.5-hour excursion on a U.S. Coast Guard Certified Catamaran.

Pier Park—Take a free shuttle to the area's best shopping and entertainment.

Visit NCATC website for details.

Register online:
www.ncatc.org

Note: Non-Members attending at Non-Member rates may apply the difference of the higher fee paid to a new NCATC membership if application is approved.



33607 Seneca Drive
Cleveland, Ohio 44139



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Register Online Today!
www.ncatc.org



Contact NCATC:
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About NCATC

Established in 1988, the National Coalition of Advanced Technology Centers (NCATC) is a network of higher education resources that advocates and promotes the use of technology applications that enhance economic and workforce development programs and services. With over 160 member institutions ranging from colleges and universities to the corporate community, NCATC provides a wide range of benefits including technical assistance through its Membership Assistance Program, grant evaluation services, publications, and access to best practices from the nation's top advanced technology centers. NCATC celebrates 25 years of providing advanced technology expertise to its members in 2013.

For more information about NCATC, our members, and upcoming events, please visit www.ncatc.org.