Ten Engineering Colleges to Showcase Student-Made Technology and Designed Solutions

Thursday, April 19 | 10 a.m. to 3 p.m.
UNIVERSITY OF CENTRAL FLORIDA, ORLANDO

From Jacksonville to Miami, to the Space Coast and the High Tech Corridor, Florida's universities are educating and preparing thousands of engineering and computer science students for jobs in the Sunshine state – the nation’s fastest-growing economy – and beyond.

In a first-of-its-kind partnership, the deans of 10 Florida engineering colleges have joined to showcase the best of their graduating seniors’ innovative concepts, and to collaboratively demonstrate the scope and strength of Florida's talent pipeline of engineering and computer science graduates who are fully prepared to enter the global workforce. Projects to see include:

- advanced vehicles and aircraft
- space science and exploration
- robotics
- civil engineering solutions
- smart sensing technology
- industrial engineering systems
- renewable energy and sustainability
- much more
- civil engineering solutions
- industrial engineering systems
- renewable energy and sustainability
- much more

The University of Central Florida’s College of Engineering and Computer Science will host the inaugural Florida-Wide Student Engineering Design Invitational during its Senior Design Showcase, where 130+ projects made by 600 graduating seniors will be displayed. The host university designation will rotate among each partner college in the years to follow.

ABOUT FLORIDA’S INNOVATION ECONOMY

Florida ranks 4th in the nation for high-tech employment, with nearly 237,000 workers. Top industries include modeling and simulation, aviation, aerospace and defense, turbomachinery, agriculture, renewable energy, biomedical engineering, advanced manufacturing, entertainment and hospitality.

Florida’s top employers include Lockheed Martin, Harris Corporation, Siemens, Mitsubishi, NASA, Boeing, Disney, Northrop Grumman, and many more. In the 23-county Florida High Tech Corridor, 22,000 firms provide high-wage jobs averaging $86,000 across all industry sectors.

Florida is ranked the nation’s best state for higher education by U.S. News & World Report, and its universities are the nation’s #1 workforce supplier to the aerospace and defense industry (Aviation Week).

With 65,000 open STEM jobs in Florida, highly skilled graduates are in demand. Centrally located in Florida, Orlando was recently recognized by Forbes as the nation’s top city for STEM job growth.

DEANS

MAJ MIRMIRANI, PH.D.
College of Engineering
Embry-Riddle Aeronautical University, Daytona

J. MURRAY GIBSON, PH.D.
College of Engineering
Florida A&M University – Florida State University, Tallahassee

STELLA N. BATALAMA, PH.D.
College of Engineering and Computer Science
Florida Atlantic University, Boca Raton

MARCO CARVALHO, PH.D.
College of Engineering & Computing
Florida Institute of Technology, Melbourne

JOHN L. VOLAKIS, PH.D.
College of Engineering and Computing
Florida International University, Miami

MICHAEL GEORGIOPoulos, PH.D.
College of Engineering and Computer Science
University of Central Florida, Orlando

CAMMY R. ABERNATHY, PH.D.
Herbert Wertheim College of Engineering
University of Florida, Gainesville

JEAN-PIERRE BARDET, PH.D.
College of Engineering
University of Miami, Miami

MARK A. TUMEo, PH.D.
College of Computing, Engineering & Construction
University of North Florida, Jacksonville

ROBERT H. BISHOP, PH.D.
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EVENT PLANNING
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