

# Innovation

**Florida Tech Consulting is an innovative approach of the Office of Strategic Initiatives at Florida Institute of Technology (Florida Tech) to offer a broad array of consulting services.**

Florida Tech Consulting connects businesses with the expertise of Florida Tech's faculty and staff as well as the university's facilities and external partners to assist with problems or projects.

From airport planning to algorithm implementations, chemical tests to nanoscale studies, vibration tests to zooplankton surveys, our extensive range of academic experts and industry professionals are able to provide solutions to almost any problem.

While our focus is in the areas of aeronautics, engineering and science, our services include all aspects of a comprehensive university, including the areas of business and psychology. This gives clients an opportunity to avail themselves of expertise rarely offered by a single consulting firm.

*"Florida Institute of Technology is an outstanding university with exceptional faculty. All companies—small or large—can benefit from using the comprehensive services of Florida Tech Consulting. You won't find such comprehensive services anywhere else. We are currently working with Florida Tech Consulting and couldn't be more satisfied!"*

*Jeffrey S. Shuman,  
vice president of human resources and  
corporate relations  
Harris Corporation*



## New Perspectives

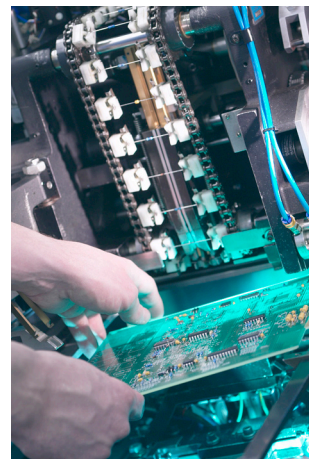
**Consultants can provide a myriad of services to supplement the resources of an organization.**

This is particularly important for projects that do not require full-time staff. Consultants can also add a level of credibility by acting as independent testing experts.

Florida Tech Consulting enables your organization to implement new ways of thinking. As a result, innovative approaches are established to ensure your company's improved performance.

Examples of our past projects include:

- Airport master plan
- Air discharge study
- Algorithm implementation
- Analysis and design of shock tubes
- Analysis of non-residual metals in sediments
- Bivalve mollusks study
- Breakwater structure study
- Business plan evaluation
- Chemical testing
- Cybersecurity
- Cyclic fatigue test
- Decision tool analysis
- Ichthyoplankton survey
- Lamination study
- Nanoscale study
- Pharmaceutical study
- Sediment deposit rate calculation
- Training curriculum development/delivery
- Vibration test
- Zooplankton survey



*"After a long search for a test facility to perform a vibration test, we found Florida Tech Consulting to be the best option right here in Melbourne, Fla.! The staff is professional, attentive and flexible. We are happy with the result of our project and would love to do business with Florida Tech Consulting again in the future."*

*Lasida Klinsukond, Certification  
Engineer, Liberty Aerospace, Inc.*

## Collaboration

**Florida Tech Consulting becomes your business partner at the beginning of each project.** We collaborate with our clients to enhance their business on all levels. Our ability to analyze actual needs and provide the resources necessary to meet these needs is our most important value to organizations.

Projects range from solving specific problems to full-scale engagements. We define the scope of work, negotiate contracts and ensure there is clear communication every step of the way. We work closely with our clients to ensure they have the just-in-time expertise to complete their projects with minimal cost.

Clients of Florida Tech Consulting include, but are not limited to:

- Brevard County
- Engineering Acoustics, Inc.
- Harris Corporation
- L-3 Communications, Linkabit
- Liberty Aerospace, Inc.
- Matrix Composites, Inc.
- Space Florida
- St. Johns River Water Management District



# Experience

**Our dynamic faculty members have doctoral degrees and industry experience, and they conduct cutting-edge research in the university's modern laboratories.**

Florida Tech Consulting will select the expert(s) for your project based on your specific needs. Since not all projects involve only one area of expertise, we can put a team together to represent multiple areas of expertise. We take the guess work out of choosing the right consultant(s).

Areas of expertise include, but are not limited to:

- Airport design and management
- Biological science
- Biomedical engineering
- Chemical engineering
- Chemistry
- Civil engineering
- Computer science
- Electrical and computer engineering
- Flame retardants
- Flammability and fire safety issues
- Industrial/organizational psychology
- Management
- Marine and environmental systems
- Mathematical science
- Mechanical and aerospace engineering
- Physics and space science
- Simulation/modeling
- Sustainability/resilience
- Systems engineering

# Facilities

**Florida Tech Consulting has access to more than 125 state-of-the-art laboratories.** These labs are located within the colleges of Florida Tech and represent a broad range of expertise.

## Some of these labs include:

### Engineering

- Coastal engineering
- Computer-aided engineering
- Computational modeling
- Dynamic systems and controls
- Fluids and aerodynamics
- Hydrogen research
- Laser, optics and instrumentation
- Microelectronics
- Propulsion
- Robotics and spatial systems
- Structures and solid mechanics
- Thermal science and clean energy
- Wind and hurricane impacts

### Science

- Aquaculture
- Biological and biomedical science
- Corrosion and biofouling control
- Ecology
- High resolution microscopy and advanced imaging
- Marine biology
- Materials science

# Success

**Contact us today to find out how we can help your organization achieve its business goals.**

## Florida Tech Consulting

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**Florida Tech Consulting**  
Results that matter.



INNOVATION  
 + NEW PERSPECTIVES  
 + COLLABORATION  
 + EXPERIENCE  
 = SUCCESS

*Providing innovative solutions through exceptional university resources.*



Florida Institute of Technology  
High Tech with a Human Touch™