

# Environmental Health & Safety

## Strategic Safety Plan

2020-2024

Revision History

Revision Number	Revision Date	Revised By	Description of Change
00	8/01/19		



## 1.0 Mission and Values

The mission of the Environmental Health & Safety Department is to ensure the safety of students, employees and visitors to Florida Institute of Technology, and the preservation of the environment by the application of a comprehensive safety program to regulatory and industry standards.

Environmental Health and Safety (EHS) administers the occupational health, safety, and environmental management policies and procedures for Florida Tech. Staffed by professionals in radiation safety, biosafety/biomedical, occupational health and safety, fire prevention, laboratory safety, and environmental management. EHS assists the university community in identifying and addressing health and safety issues within offices, laboratories, research stations, and facilities' work sites.

EHS serves as a resource to reduce risks to the safety and health of students, faculty, staff and visitors. EHS plays a vital role in the identification and minimization of risk to property, the environment, and associated business interruption, financial, and reputational risk. This department works closely with Florida Tech's academic research departments, the Facilities Division, the Offices of Academic Affairs, Student Affairs, Office of Compliance and Risk Management and Athletics. In addition, EHS collaborates with Student Health Services, Human Resources among others.

### **Biosafety/Biomedical**

The Biosafety/Biomedical Professionals provides useful tools and applications to aid faculty and staff in maintaining a safe and compliant workplace. Biosafety/Biomedical Personnel helps workers safely manage biological agents and substances present in or arising from the work environment that are hazardous or potentially hazardous to the worker, university, community, and environment.

### **Environmental Management**

Environmental Management Professionals oversees all environmental compliance programs for the university. They manage hazardous, universal, biological, and radioactive material issues and environmental health programs Florida Tech.

### **Health and Safety**

Occupational Health and Occupational Safety Professionals lead a wide variety of programs to address both physical and health exposure-related risks and regulations associated with operations performed outside of the laboratory environment on Florida Tech property. Programs include, but are not limited to, indoor air quality, asbestos, lead, hearing conservation, electrical safety, confined spaces, fall protection, accident investigation and recordkeeping, mechanical safety, ergonomics, and work area exposure prevention.

### **Laboratory Safety**

Laboratory Safety Professionals administers the university's chemical hygiene and safety plans along with lab inspection guidelines. These professionals aid researchers by administering numerous programs dealing with training, hazard assessments, use of personal protective equipment, safe chemical storage and handling procedures, controlled substances, laser safety, compressed gas safety, pressure vessel safety, among others.

### **Radiation Safety**

The Radiation Safety Professionals assists the research and academic community with radiation related programs. The Radiation Safety Professional provides training and consultations, conducts routine safety inspections in laboratories, assists researchers with the acquisition and disposal of radioactive materials and radiation producing devices, and maintains radiation emergency response capabilities.

## **4.0 Introduction**



A system for periodic inspections, audits, and self-assessments

A system for training personnel on key EHS responsibilities, many conducted in real time and task based.

A means for assessing system effectiveness, proper adjustment to new regulatory developments, and enacting other necessary change.

**GOAL 4: Assess EHS training content – expand, update, modify as necessary for timely, effective, and efficient products with 24/7 customer access to most training modules.**

Due to the wide variety of federal, state and local regulations, the number of tasks and/or situations where EHS

Partner with Insurance and Risk Management and key campus partners.  
Prioritize for action.

Adjust corrective action plans as necessary to address priority risks.

Propose resources to mitigate priority risks – integrate into annual campus funding planning documents and review sessions.

Continue to provide and expand useful hazard assessment tools to the research and facilities community, including but not limited to external university hazard assessment tools, before Operations Commence or b



Transform existing face-to-face training programs to on-line, on-demand, computer-based training solutions.

Provide guidelines to customer departments with implementation of processes that assure all new and temporary employees, visitors, and volunteers receive adequate EHS orientation.