



# SAFETY MATTERS

January 2019

*"Safety Matters" is published by the HWCOE Safety Office.*

## LESSONS LEARNED

**Student receives minor burn.** A student receive a minor burn from an oven door. When they were opening the door, it made contact with a nearby freezer and bounced back, making contact with the student's arm, causing a minor burn.

**Lesson learned:** When opening hot ovens, ensure there is enough clearance that the door does not make contact with another object or wall, causing it to bounce back and possibly hit you. The interior of the door will be hot and may cause a burn. This is also another reason to ensure you are wearing your PPE!

## SELF-INSPECTIONS LEAD TO IMPROVEMENTS



30% of our research labs conducted self-inspections in the last 30 days. These proactive labs found 44 ways to improve their safety!

Join them today!

Every member of an engineering lab's roster can conduct a self-inspection in the GatorTRACS system. Instructions on completing an inspection can be found here: [eng.ufl.edu/safety/resources](http://eng.ufl.edu/safety/resources)

**REMINDER: SELF-INSPECTIONS ARE REQUIRED TO BE COMPLETED EVERY MONTH**

## LAB SAFETY LEADERS



*Dr. Brent Gila dons his PPE to work in the NRF cleanroom. He has served on the Engineering Safety Steering Committee since its inception in 2012.*

Do you know an exceptional faculty, staff or student who is always going above and beyond to promote a safe working and learning environment? Nominate them to be featured as a Lab Safety Leader in our next *Safety Matters* newsletter.

[\*\*Nominate Now\*\*](#)

## ISE OFFERS NEW SAFETY COURSES

The department of Industrial and Systems Engineering is now offering coursework for those students interested in learning more about the profession of safety and how safety impacts the field of engineering.

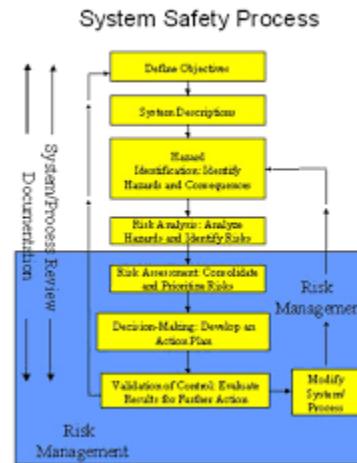
Look for these courses today!



## EIN 4905 - Occupational Safety Engineering

(Spring 2019)

3 credits. Safety history and litigation; accident causation; safety organizations and agencies. Approaches to occupational safety and risk management. Product defects and safety program development; product liability; consumer product safety commission. Hazard communication standard. Workers' compensation. OSHA safety standards and codes; OSHA record keeping. Common occupational hazards.



## EIN 6905 - System Safety Engineering

(Fall 2019)

3 credits. This course will provide an introduction to identifying and recognizing potential safety hazards as well as the concept of risk assessment. Preliminary Hazard Analysis, System and Subsystem Hazard Analysis, Failure Modes and Effects Analysis, Fault Tree Analysis, Probabilistic Risk Assessment, and other systems safety methodologies will be explored together with applications to hazard analysis and control. Industrial situations and case studies will be referenced to illustrate the usefulness of various system safety techniques.

## SAFETY MOMENTS

Safety Moments (a brief discussion about a safety topic before meetings, seminars, or presentations) are a great way to start a conversation about safety. The more we discuss safety, the more we heighten our awareness of hazards and the more open we become to feedback about making our working and learning environments safer. Start the conversation today!

Visit [eng.ufl.edu/safety](http://eng.ufl.edu/safety) to find over 100 slides that can be used as "Safety Moments" before seminars, faculty meetings or lab group meetings.

## SAFETY MOMENTS

A Safety Moment is a brief safety talk about a specific subject at the beginning of a meeting. Also known as safety minutes or safety chats, these talks can be done in a variety of ways, but are typically a brief (2-5 minute) discussion on a safety related topic. They can cover a variety of safety topics and remind employees of the importance of being safe; at work, at home and in all aspects of our lives.

Each slide deck contains several slides on the topic indicated, each slide is to be used as an individual Safety Moment unless otherwise noted.

Check back often as the library is always growing! We welcome your contribution – please email [safety@eng.ufl.edu](mailto:safety@eng.ufl.edu)



## CRITICAL SAFETY INDICATOR # 4

"Good housekeeping practices are observable with areas clean and organized."

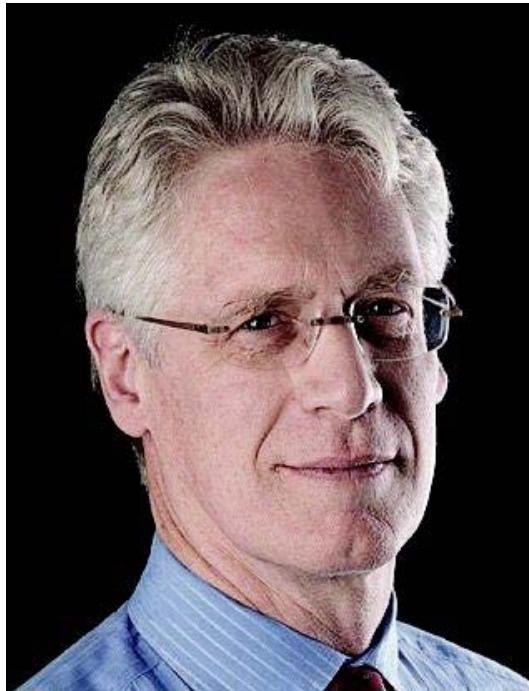
### How is your lab's housekeeping?

Learn how to maintain good housekeeping with industry best practice [5S system](#).

[Contact Safety](#) today to get started!



**SAFETY MATTERS TO ME...**



*"A heavy emphasis on safety and inclusion is an incontestable statement that ESSIE as a community values the welfare and future of our students, staff and faculty."*

Dr. Kirk Hatfield, Director  
Engineering School of Sustainable  
Infrastructure and Environment

## ***UPDATES from UF EHS***

- Due to the significant changes between the online course and the integration of the GatorTRACS system, EHS860 & EHS861 Chemical Hygiene Plan training has been taken down. The course will be revised and re-posted at later date, (yet to be determined).
- Chemtracker is still down for transition to a new system.
- The LATCH module is replacing the old Chemical Hygiene Plan. Instructions on how to complete your LATCH can be found here: <http://www.ehs.ufl.edu/programs/lab-research/gator-tracs/latch/>

## ***LET'S TALK SAFETY***

- **Attend a committee meeting (all held in 307 Weil Hall)**
  - 1st Wednesday of each month at 3 p.m. (Facilities and Safety Action Team)
  - 3rd Wednesday of each month at 2 p.m. (Engineering Safety Steering Committee)
  - 2nd Tuesday of each month at 11 a.m. (Student Safety Council Leaders Meeting)
- **Attend the [Student Safety Cohort | Coffee Safety Social]**
  - 1st Monday of each month at 10 a.m. - Starbucks at the Reitz ([sign-up here](#))
- **Schedule a CONNECT visit!**
  - Remember we are here to CONNECT, NOT INSPECT!



[\*\*Schedule Time with Safety\*\*](#)

Questions, comments, concerns? Contact [safety@eng.ufl.edu](mailto:safety@eng.ufl.edu)

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