



Engineers Week Event Schedule **Feb. 20–25, 2017**

Daily

Breakfast by the Bridge

Hosted By: American Society of Civil Engineers (ASME)

Time: 8 a.m. – 10 a.m. (Monday, Feb. 20 to Friday, Feb. 24)

Location: Engineering II Atrium

Description: Come visit the American Society of Civil Engineers for FREE Breakfast by the Bridge!

Monday, Feb. 20

CECS Project Showcase

Time: 10 a.m.-2 p.m.

Location: Engineering II Atrium

Description: CECS Students will be showcasing the various projects and ideas they are working on in class, clubs and as hobbies.

Hosted By: SPECS

Contact: gillianwerner@knights.ucf.edu

Puzzle Challenge

Time: 3-5 p.m.

Location: Harris Engineering Center 101

Description: Teams can sign up through the NSBE website (www.nsbeucf.org) for a three dollar fee.

Teams will compete by solving several CAD-related puzzles and riddles and times will be recorded and posted online. The winning team will receive prizes for all of its members.

Hosted By: National Society of Black Engineers (NSBE)

Contact: NSBE.UCF.president@gmail.com

Tuesday, Feb. 21

Biomedical Presentation and Activity

Time: Noon- 2 p.m.

Location: Engineering II Atrium

Description: A presentation that shows how we are able to map organs with the use of special software and 3D printing and how to solve respiratory issues using engineering.

Hosted By: Biomedical Engineering Society at UCF (BMES)

Contact: ucfbmes@gmail.com

(Tuesday, Feb. 21 continued)

The Great Engineering Race

Time: Noon-3 p.m.

Location: UCF Campus (Engineering I & II Bldgs, Harris Eng Center, Student Union)

Description: Diverse teams will be formed to race through campus to win the ultimate prize! Race through a series of stations that will require correct answers to engineering related questions. Some may be general, others not so simple!

Hosted By: Society of Hispanic Professional Engineers (SHPE) Contact: shpe.ucf.chapter@gmail.com

Wednesday, Feb. 22

CECS Engineers Fair on Memory Mall (10 a.m. – 3 p.m.)

Join CECS for opportunities to discover engineering! See cecs.ucf.edu for more information on each!

Events include:

- LEGO Build Station (ASEE)
- Giant Jenga (ASCE)
- Mini Aquaponics System (EWB)
- Quadcopter Demonstration (AIAA)
- Pinewood Derby (SAE)
- Budget Rocketry Challenge (SHPE)
- Turbo Jet Engine Demonstration (AIAA)
- Bath Bombs (SWE)
- The Martian Race (Lunar Knights)
- Paper Airplane Launcher (AIAA)
- Solar Golf Cart Demo (Energy Knights)
- Magnet Activity (ASME)
- Water Filtration Activity (SEE)
- FerroFluid Activity (eli2)
- Oobleck Tank (ASME)
- Puzzle Challenge (NSBE)
- Interactive Flow Tunnel (eli2)

Hosted By: Engineering Leadership and Innovation Institute (eli²) and Student Panel for Engineering and Computer Science (SEPCS) Contact: gillianwerner@knights.ucf.edu

Thursday, Feb. 23

Workshop Day

Time: All Day

Location: Texas Instruments Innovation Lab (Eng. II Atrium)

Description: Clubs will be giving workshops that will last up to an hour throughout the day, allowing students to learn about the different skills that are helpful for engineers to know.

Hosted By: American Society of Mechanical Engineers (ASME) Contact: ucfasme@gmail.com

(Thursday, Feb. 23 continued)

Home Energy Ed

Time: Noon-1 p.m.

Location: Harris Engineering Center 101

Description: Talk about which devices use the most electricity in a home or apartment, and learn how to see direct changes by understanding your energy bill

Hosted By: Energy Knights

Contact: matt.aberman@knights.ucf.edu

Truss me, I'm an Engineer

Time: Noon-3 p.m.

Location: Engineering II Atrium

Description: Build trusses from popsicle sticks and test their durability.

Hosted By: Society of Hispanic Professional Engineers (SHPE)

Contact: shpe.ucf.chapter@gmail.com

Cold Case Engineering

Time: 3 p.m.-4 p.m.

Location: Harris Engineering Center 101

Description: Students will be put into teams and have to act out a scenario that presents an ethical complication. The team will navigate the story as they make different ethical decisions. At the end, they learn valuable engineering ethical practices.

Hosted By: Institute of Industrial and Systems Engineers (IIE)

Contact: ucfiiechapter@gmail.com

Friday, Feb. 24

Junkyard Wars

Time: 11:00am-5:00 pm

Location: Engineering II Atrium

Description: Participating teams will use materials provided to build a working machine that will form a specific task. Teams will consist of student organizations at UCF and the entry cost is \$10. Winners can receive up to a \$200 prize! Industry professionals will be judging the competition.

Hosted By: Theta Tau

Contact Info: RushThetaTauUCF@gmail.com

Problem Solving Workshop

Time: 10 a.m.-1 p.m.

Location: Harris Engineering Center 101

Description: Attend a professional development workshop led by an engineering professional

Hosted By: Tau Beta Pi

Contact Info: taubetapi.fld@gmail.com

(Friday, Feb. 24 continued)

Brunch and Learn

Time: 11 a.m.-Noon

Location: **TBD**

Description: Hear from an engineering professional on what she does and about opportunities within her organization.

Hosted By: Society of Women Engineers (SWE)

Contact info: swe.ucf.vicepresident@gmail.com

Saturday, Feb. 25

Engineering Olympics

Time: 11 am-2 pm

Location: Lake Claire

Description: Barbeque with all clubs and join competitions between the clubs to earn points. A trophy will be awarded to the winning team/club.

Hosted By: American Society of Mechanical Engineers (ASME)

Contact: ucfasme@gmail.com