

ACE Mentor Program of Central Florida 2023-2024



All meetings start at 6:00 PM and end at 8:00 PM (except for field trips / site tours)

SESSION	DATE	TOPIC / ACTIVITY	DISCIPLINES REQUIRED	LOCATION
<i>School Starts - August 22-23 (OCPS, SCPS, SDOC)</i>				
Meeting #1	October 11, 2023	Introduction Meeting -Introduce ACE Program and review schedule. -Ice Breaker function to introduce students to mentors and students to students in a teamwork environment. -Review RFQ design competition. -Create project groups. Develop roles for group.	ALL MENTORS	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
Meeting #2	October 25, 2023	FIELD TRIP!!! Sunbridge Elementary K-8	ALL MENTORS	LOCATION TBD Lake Nona Area
Meeting #3	November 8, 2023	Industry Overview: Architecture / Design Presentation Architecture / Design Activity Project Session: - Discuss group project and competition. - Begin concept development and ideas.	Architect	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
	November 15, 2023	ACE TRADES Day!!! Valencia College	ALL MENTORS	Valencia College Center for Accelerated Training 3437 WD Judge Dr., Ste 110 Orlando, FL. 32808
11/06/2022 - DAYLIGHT SAVING TIME STARTS				
11/20/23-11/24/23 - THANKSGIVING BREAK				
Meeting #4	November 29, 2023	Industry Overview: Civil Engineering Presentation Landscape Architect Presentation Project Session: -Discuss how to implement Civil and Landscape into group project. - Continue developing group project. - Concept should be selected for all groups.	Civil Engineer and Landscape Architect	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
Meeting #5	December 13, 2023	Project Session - Continue to develop group projects. - Concept should be finalized, site plans developed, building sketches and design progressing. - Discuss precedent projects and how to implement similar completed projects into a design presentation.	ALL MENTORS	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
12/15/23-1/3/24 - WINTER BREAK				

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Meeting #6	January 10, 2024	Industry Overview Structural Engineering Presentation Engineering Activity: - <u>Spaghetti and Gumdrop Buildings</u> Project Session: Discuss structural design implementation into project. Initial site sketches should be developed and discussed. Students are encouraged to continue to develop concepts over the holiday break to present at the January 10th meeting.	Structural Engineer	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
Meeting #7	January 24, 2024	Project Session - Continue to develop group projects. - Concept should be finalized, site plans developed, building sketches and design progressing. - Discuss precedent projects and how to implement similar completed projects into a design presentation.	ALL MENTORS	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
Meeting #8	February 7, 2024	Industry Overview Mechanical / Plumbing Engineering Electrical Engineering Project Session: - Discuss implementation of MEPF items into group projects. - Discuss LEED relationship of MEPF items into project.	MEPF Engineers	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
Meeting #9	February 21, 2024	Project Session - Draft presentation for National Competition. - Continue development of local competition project	ALL MENTORS	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin

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SESSION	DATE	TOPIC / ACTIVITY	DISCIPLINES REQUIRED	LOCATION
Meeting #10	March 6, 2024	Industry Overview: Owner's Representative Presentation Construction Management Presentation Project Session: - Discuss project schedule and budget. - Begin to discuss materials, construction techniques, etc. - Initial sketches should be developed and discussed. -Continue development of group projects. -Draft presentation of National Completion.	Owner Rep and Construction Managers	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
03/10/2023 - DAYLIGHT SAVING TIME ENDS				
03/11/24-03/15/24- SPRING BREAK				
Meeting #11	March 27, 2024	Industry Overview: Solar Energy Overview: We will be diving into the Future of Buildings with integrating resiliency into design and construction as well as achieving zero energy buildings through onsite energy production + battery storage.	Speciality Engineer	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
Meeting #12	April 10, 2024	FIELD TRIP!!! TBD Location	ALL MENTORS	TBD
ACE National Competition - Submittal Due			March 15th - Midnight	
Meeting #13	April 24, 2024	Project Session: <u>Local Competition Finalization:</u> - Draft Boards to Mentors for review - Mentors to return Boards with Mark ups to the students by April 1st.	ALL MENTORS	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
ACE National Competition - Finalists are Notified			Early April - TBD	
Meeting #14	May 1, 2024	Project Session: <u>Local Competition Finalization</u> - Final Preview of All Presentations. - Groups will be selected at this meeting to present at the final banquet. - All groups to prepare presentation boards for banquet display.	ALL MENTORS	Seminole County Welbro Orange County PCL Construction Osceola County KPM Franklin
ACE National Competition - Finalists Present to ACE CIRT Judges			Late April - TBD	
Final Meeting	5/10/2022 (To Be Confirmed)	<u>ACE Banquet</u> Local Competition and Awards Ceremony	ALL MENTORS All ACE Groups	Hilton DoubleTree Downtown Orlando