

ACE Mentor Program of Central Florida 2022-2023



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 12, 2022	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
Meeting #2	October 26, 2022	FIELD TRIP!!! Society Orlando - New 31-Story Mixed Use Multi-Family Tower Downtown Architect - Baker Barrios Architects GC - John Moriarty & Associates	ALL MENTORS	John Moriarty & Associates (GC) project jobsite downtown across from Orlando Courthouse
Meeting #3	11/4/2022 4:00 PM - 7:00 PM	ACE TRADES DAY!!! Valencia College Center for Accelerated Training 3437 WD Judge Dr., Ste 110 Orlando, FL 32808	ALL MENTORS	Valencia College Center for Accelerated Training 3437 WD Judge Dr., Ste 110 Orlando, FL 32808
11/06/2022 - DAYLIGHT SAVING TIME STARTS				
Meeting #4	November 9, 2022	Industry Overview: Architecture / Design Presentation Architecture / Design Activity Project Session: - Discuss group project and competition. - Begin concept development and ideas.	Architect	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
Meeting #5	November 16, 2022	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
11/21/22-11/25/22 - THANKSGIVING BREAK				

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Meeting #6	November 30, 2022	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
12/19/22-12/30/22 - WINTER BREAK				
Meeting #7	December 14, 2022	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
Meeting #8	January 11, 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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
Meeting #9	January 25, 2023	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
Meeting #10	February 8, 2023	Project Session - Draft presentation for National Competition. - Continue development of local competition project	ALL MENTORS	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin

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Meeting #11	February 22, 2023	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
Meeting #12	March 8, 2023	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
03/12/2023 - DAYLIGHT SAVING TIME ENDS				
03/13/23-03/17/23 - SPRING BREAK				
Meeting #13	March 22, 2023	FIELD TRIP!!! TBD Location	ALL MENTORS	TBD
ACE National Competition - Submittal Due			Mid March - TBD	
Meeting #14	April 5, 2023	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
ACE National Competition - Finalists are Notified			Early April - TBD	
Meeting #15	April 19, 2023	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	North Orlando Balfour Beatty South Orlando PCL Construction Osceola KPM Franklin
ACE National Competition - Finalists Present to ACE CIRT Judges			Late April - TBD	
Final	May 6, 2022	<u>ACE Banquet</u> Local Competition and Awards Ceremony	ALL MENTORS All ACE Groups	TBD