

ACE Mentor Program of Central Florida 2019-2020



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 2019 (OCPS, SCPS, SDOC)</i>				
Meeting #1	September 25, 2019	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 Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Meeting #2	October 9, 2019	Industry Overview: Architecture / Design Presentation Architecture / Design Activity Project Session: - Discuss group project and competition. - Begin concept development and ideas	Architect	North Orlando Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Meeting #3	October 23, 2019	FIELD TRIP!!! Location TBD	ALL MENTORS	TBD
Daylight Savings Time		Sunday 11/03/19		
Meeting #4	November 6, 2019	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 Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Meeting #5	November 20, 2019	Industry Overview Construction Management Presentation Project Session: - Discuss project schedule and budget. - Begin to discuss materials, construction techniques, etc. - Initial sketches should be developed and discussed.	Construction Managers	North Orlando Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Thanksgiving Break				

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Meeting #6	December 4, 2019	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 Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Meeting #7	December 18, 2019	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 Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Christmas / Holiday Break				
Meeting #8	January 8, 2020	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 Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Meeting #9	January 22, 2020	Project Session - Draft presentation for National Competition. - Continue development of local competition project	ALL MENTORS	North Orlando Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Meeting #10	February 5, 2020	Industry Overview: Owner's Representative Presentation Law & Contracts Presentation Project Session: -Continue development of group projects. -Draft presentation of National Completion.	Owner Rep and Lawyer	North Orlando Matern Engineering South Orlando PCL Construction Osceola oTECH Campus

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SESSION	DATE	TOPIC / ACTIVITY	DISCIPLINES REQUIRED	LOCATION
Meeting #11	February 19, 2020	Project Session: - Begin development of PowerPoint/Prezi/Keynote Presentations for local competition. - Practice presentations	ALL MENTORS	North Orlando Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Meeting #12	March 4, 2020	FIELD TRIP!!! TBD Location	ALL MENTORS	TBD
Daylight Savings Time		Sunday 03/08/20		
ACE National Competition - Submittal Due			Mid March - TBD	
Spring Break		March 16-20		
Meeting #13	March 25, 2020	Project Session:	ALL MENTORS	North Orlando Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
ACE National Competition - Finalists are Notified			Early April - TBD	
Meeting #14	April 8, 2020	Project Session:	ALL MENTORS	North Orlando Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
ACE National Competition - Finalists Present to ACE CIRT Judges			Late April - TBD	
Meeting #15	April 22, 2020	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 Matern Engineering South Orlando PCL Construction Osceola oTECH Campus
Final Meeting	May 1, 2020 (TBD)	ACE Banquet Local Competition and Awards Ceremony	ALL MENTORS All ACE Groups	TBD