

ACE Mentor Program of Central Florida 2018-2019



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

SESSSION	DATE	TOPIC / ACTIVITY	DISCIPLINES REQUIRED	LOCATION
<i>School Starts - August 2017 (OCPS, SCPS, SDOC)</i>				
Meeting #1	September 26, 2018	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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Meeting #2	October 10, 2018	Industry Overview: Architecture / Design Presentation Architecture / Design Activity Project Session: - Discuss group project and competition. - Begin concept development and ideas	Architect	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Meeting #3	October 24, 2018	FIELD TRIP!!! Location TBD	ALL MENTORS	TBD
Daylight Savings Time		Sunday 11/04/18		
Meeting #4	November 7, 2018	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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
<i>Thanksgiving Break</i>				
Meeting #5	November 28, 2018	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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus

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Meeting #6	December 12, 2018	Industry Overview Structural Engineering Presentation Engineering Activity: - <u>Spaghetti and Gumdrops 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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
<i>Christmas / Holiday Break</i>				
Meeting #7	January 9, 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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Meeting #8	January 23, 2019	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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Meeting #9	February 6, 2019	Project Session - Draft presentation for National Competition. - Continue development of local competition project	ALL MENTORS	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Meeting #10	February 20, 2019	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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus

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SESSSION	DATE	TOPIC / ACTIVITY	DISCIPLINES REQUIRED	LOCATION
Meeting #11	March 6, 2019	Project Session: - Begin development of PowerPoint/Prezi/Keynote Presentations for local competition. - Practice presentations	ALL MENTORS	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Daylight Savings Time		Sunday 03/10/19		
ACE National Competition - Submittal Due			Mid March - TBD	
Spring Break		March 18-22		
Meeting #12	March 27, 2019	FIELD TRIP!!! TBD Location	ALL MENTORS	TBD
ACE National Competition - Finalists are Notified			Early April - TBD	
Meeting #13	April 10, 2019	Project Session:	ALL MENTORS	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
ACE National Competition - Finalists Present to ACE CIRT Judges			Late April - TBD	
Meeting #14	April 24, 2019	Project Session:	ALL MENTORS	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Meeting #15	May 8, 2019	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	<u>North Orlando</u> Matern Engineering <u>South Orlando</u> PCL Construction <u>Osceola</u> oTech Campus
Final Meeting	May 17, 2019 (TBD)	<u>ACE Banquet</u> Local Competition and Awards Ceremony	ALL MENTORS All ACE Groups	TBD