

ACE Mentor Program of Central Florida 2020-2021



All meetings start at 5:00 PM and end at 6:00 PM

SESSION	DATE	TOPIC / ACTIVITY	DISCIPLINES REQUIRED	LOCATION
<i>School Starts - August 2020 (OCPS, SCPS, SDOC)</i>				
1	October 7, 2020	LARGE GROUP (ALL STUDENTS & MENTORS) Student Kickoff Meeting -Introduce ACE Program and review schedule. -Review project for the year. -Create Project Groups/Small Groups. Develop roles for group.	ALL MENTORS	VIRTUAL
2	October 14, 2020	SMALL GROUPS Group Introduction Meeting -Ice Breaker function to introduce students to mentors and students in a teamwork environment. -Talk about project for the year and the process of submitting work to mentors and getting feedback. After Lesson Activity: -Research project (YouTube/Google) -Create open communication between members of the group	ALL MENTORS	VIRTUAL
3	October 21, 2020	VIRTUAL FIELD TRIP - Subcontractor - AMI, Florida Paints, Steel	ALL MENTORS	VIRTUAL
4	October 28, 2020	LARGE GROUP Industry Overview: Architecture Activity: Quick review on scale drawing	ARCHITECT	VIRTUAL
5	November 4, 2020	SMALL GROUPS -Begin discussing ideas for the project. Sketch floor plans using the lesson from last week.	ALL MENTORS	VIRTUAL
11/11/20 - VETERAN'S DAY: STUDENT HOLIDAY				
6	November 18, 2020	LARGE GROUP Industry Overview: Civil Engineering Activity: Lesson on grades, setbacks, curb cuts	CIVIL ENGINEER	VIRTUAL
11/23/20-11/27/20 - THANKSGIVING BREAK				
7	December 2, 2020	SMALL GROUPS -Select a site for your project. Use the lesson from last week to set place your building on the site.	ALL MENTORS	VIRTUAL
8	December 9, 2020	LARGE GROUP Industry Overview: Landscape Architecture Activity:	LANDSCAPE ARCHITECT	VIRTUAL

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9	December 16, 2020	SMALL GROUPS -Finalize site, elevations, and floor plans concepts for your project.	ALL MENTORS	VIRTUAL
12/18/20-1/4/21 - WINTER BREAK				
10	January 6, 2021	LARGE GROUP Industry Overview: Structural Engineering Activity: Spaghetti and Gumdrop Buildings	STRUCTURAL ENGINEER	VIRTUAL
11	January 13, 2021	SMALL GROUPS -Mentors answer questions about college: applying, choosing majors, scholarships, etc. -Mentor review and feedback on projects	ALL MENTORS	VIRTUAL
12	January 20, 2021	VIRTUAL FIELD TRIP	ALL MENTORS	VIRTUAL
13	January 27, 2021	LARGE GROUP Industry Overview: MEP Engineering Activity: Small intro to MEP on small scale projects. Review how lighting/outlets/data, plumbing fixtures, HVAC components, etc. are represented on drawings.	MEP ENGINEERS	VIRTUAL
14	February 3, 2021	SMALL GROUPS -Implement MEP components into your project -Begin putting together project board with sketches and project narratives	ALL MENTORS	VIRTUAL
15	February 10, 2021	LARGE GROUP Industry Overview: Engineering Technology Activity: 3D sketch of project, or create a 3D model with construction paper	BIM/VDC COORDINATOR	VIRTUAL
16	February 17, 2021	SMALL GROUPS -Finalize project plans/models	ALL MENTORS	VIRTUAL
17	February 24, 2021	LARGE GROUP Industry Overview: Construction Management Activity: Scheduling and estimating	SUPERINTENDENT AND PROJECT MANAGER	VIRTUAL
18	March 3, 2021	SMALL GROUPS -Outline your project schedule and budget	ALL MENTORS	VIRTUAL

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19	March 10, 2021	LARGE GROUP Industry Overview: Owners Reps/Construction Law Activity:	ALL MENTORS	VIRTUAL
3/12/21-3/22/21 - SPRING BREAK				
20	March 24, 2020	SMALL GROUPS -Finalize construction schedule and budget -Review project board drafts with mentors	ALL MENTORS	VIRTUAL
21	March 31, 2020	LARGE GROUP Industry Overview: Professional Development Activity: Resume writing and interview/public speaking skills	ALL MENTORS	VIRTUAL
22	April 7, 2020	VIRTUAL FIELD TRIP - Office Tour - Day in the office	ALL MENTORS	VIRTUAL
23	April 14, 2020	SMALL GROUPS -Finalize boards -Presentation development and practice	ALL MENTORS	VIRTUAL
24	April 21, 2020	SMALL GROUPS -Finalize presentations, continue practice -Mentor final presentation notes	ALL MENTORS	VIRTUAL
25	April 28, 2020	SMALL GROUPS -Group presentations will be selected at this meeting for the final banquet. -All groups to finalize presentation boards for banquet display.	ALL MENTORS	VIRTUAL
Final Meeting	May 5, 2020	<u>ACE Banquet</u> Local Competition and Awards Ceremony	ALL MENTORS All ACE Groups	TBD