

AFFILIATE VIRTUAL SESSION SERIES

2020 VIRTUAL PLANNING SERIES

01 FALL PLANNING

AUGUST 13, 2020

CAREER DIRECTIONS FOR STUDENTS IN ARCHITECTURE, CONSTRUCTION AND ENGINEERING





WELCOME

WELCOME AFFILIATES

- All attendees are in listen only mode for the presentation.
- This webinar is being recorded.
- We will do our best to answer your questions. We will compile the questions and will develop a FAQ document.
- Reach out to your RD with any additional questions or concerns.
- **THANK YOU!**

#acementorprogram



PLANNING FOR A **VIRTUAL FALL**

COMPLIANCE

DIANA EIDENSHINK

NATIONAL CURRICULUM CATALOG

TIFFANY MILLNER

SAMPLE CURRICULUMS

ACE Raleigh, NC

TZU CHEN

ACE Greater Philadelphia

MELISSA RAFFEL

Q&A

PAULETTE DALLAS



STUDENTS

- All students must be registered with a signed parent consent form.
- Attendance should be taken of the students to make sure they are all registered.

MENTORS

- All mentors must be registered with an approved background check.
- At least 2 mentors on every virtual session.
- Guest speaker must have an approved mentor involved at all times.
- All rules set out in the mentor training apply.



BEST PRACTICES

SESSIONS PLANNING



- Determine the **platform**
- Determine if the **whole affiliate or individual teams** (by previous team).
- Determine timing of sessions: **1 vs. 2 hours** – consider shorter sessions
- **Set schedule** of sessions (decide if the schedule is for fall only).
- **Talk to school contact** – explain the plans for the affiliates and confirm with the school. Some schools are asking for ACE to be included during the school day.
- Live vs recorded sessions (using **a variety of formats** to be more interesting).
- Preset **agenda** with engaging and interactive activities.
- Present the **goal of the session** at the beginning of the meeting.
- Decide if 1 **consecutive project/RFP** vs. **standalone project** each session.



OFFER OFFICE HOURS

- Offer time for students to interact with mentors to give them time to ask questions
- Office hours can be used for more detailed career guidance
- Decide if hours will be organized by discipline, team or some other way
- Students may want more interaction with their mentors



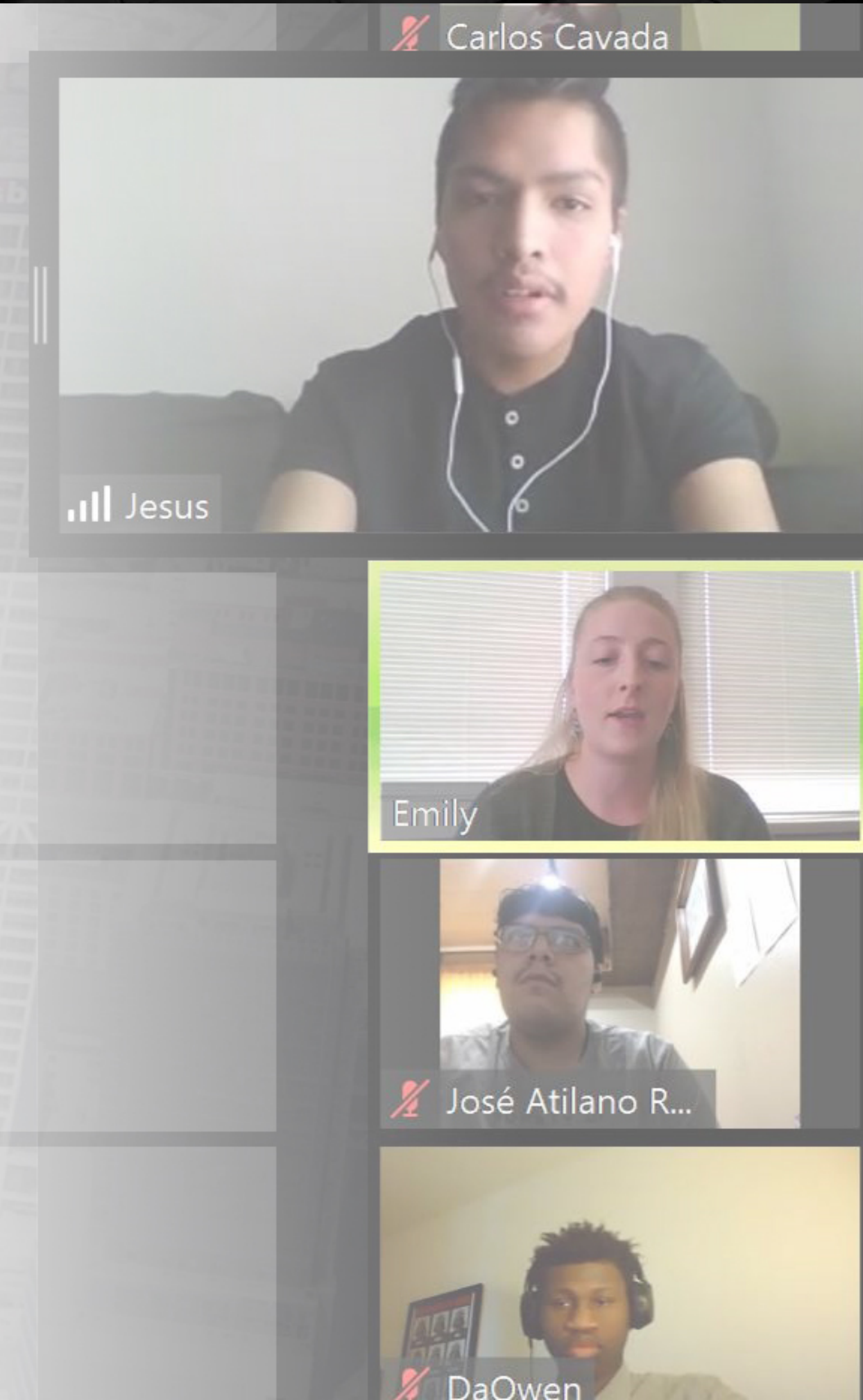


BEST PRACTICES

STUDENT SURVEYS have given some insight on virtual meetings.

Here are the suggestions:

- Have **all attendees introduced** at the beginning of the meeting.
- Everyone should **use their camera** – feels more like an in-person meeting.
- Smaller meetings or **break out sessions**.
- Ask **Questions**
- Give **student(s) a role** in the meetings. (give assignment in advance)





NATIONAL RESOURCES

ACE GOES VIRTUAL



RALEIGH, NC

PLEASE VIEW VIDEO FOR:

10:04 NATIONAL RESOURCES

16:25 RALEIGH CURRICULUM



Greater Philly

ACE360° ONLINE

CAREER EXPOSURE + PROFESSIONAL DEVELOPMENT ENRICHMENT





PROGRAM DEVELOPMENT



ACE360° PROJECT



ACE360° PROJECT ONLINE

CAREER EXPOSURE + PROFESSIONAL
DEVELOPMENT ENRICHMENT



PROGRAM TIMELINE

- 6-Week Online Program
- 2 hours of career exposure and 1 hour of professional development per week
- 1.5 hours (suggested) of Virtual Office Hours per week

SESSIONS | FACILITATED BY INDUSTRY PROFESSIONALS

- Tuesday
 - 1 hour A/E/C Career Exposure session (i.e.: Architecture, Engineering, Construction, Skilled Trades)
- Wednesday
 - 1 hour Professional Development Enrichment session (i.e.: Networking, Resume Building, Interview Skills, Paychecks 101, Time Management)
- Thursday
 - 1 hour Virtual Tour (i.e.: Professional Office Spaces, Construction Sites)
- Outline
 - 20 min. Presentation, 20 min. Group Activity, 5 min. Independent Challenge, 15 min. Q&A/Discussion
 - Pre-recorded, Webinar, or Live (Zoom or other platform, recorded)

VIRTUAL OFFICE HOURS | FACILITATED BY ACE MENTORS

- Tuesday, Wednesday, Thursday
 - Suggested 30 minutes of open dialogue where students can ask questions, discuss session topics in further detail, present independent work for review, and develop student/mentor relationship

- ACE360 began as a collaboration with the Philadelphia School District
- COVID > move to virtual programming using ACE360 as template > ACE360 Online
- Designed as 6-week online program combining career exploration, professional development, and virtual office hours
- Currently 13 weeks of programming featuring Architecture, Engineering, Construction, Communication, & Interior Design firms
- Includes 1 week of ACE Alumni engagement



SCHEDULING

Oct 27-29, 2020	ACE360 Online Week 1	Engineering	Mott MacDonald
10/27/20	Tuesday	About the profession (engineering) Virtual Office Hours	
10/28/20	Wednesday	Resume Development Virtual Office Hours	
10/29/20	Thursday	Site Tour Virtual Office Hours	
Nov 2 & 4-5, 2020	ACE360 Online Week 2	Architecture	Gensler
11/2/20	Monday	About the profession (architecture) Virtual Office Hours	
11/4/20	Wednesday	Interview Techniques Virtual Office Hours	
11/5/20	Thursday	Site Tour Virtual Office Hours	

Jan 19-21, 2021	ACE360 Online Week 11	Engineering	Thornton Tomasetti
1/19/21	Tuesday	Alternative Structural Engineering: Blast Design, Forensics, Applied Sciences and Technology Virtual Office Hours	
1/20/21	Wednesday	Leadership Styles and Motivating your Team Virtual Office Hours	
1/21/21	Thursday	Notes/Sketching TuTOURial Virtual Office Hours	
Jan 26-28, 2021	ACE 360 Online Week 12	Architecture	BCJ
1/26/21	Tuesday	TBD Virtual Office Hours	
1/27/21	Wednesday	TBD Virtual Office Hours	
1/28/21	Thursday	virtual construction site tour: University of Pennsylvania New College House West	

- Sessions held on Tuesday, Wednesday, Thursday 3:00 - 4:30PM > 1hr Webinars + 30min Virtual Office Hours
- Webinars = A/E/C Career Exploration, Professional Development, Site/Office Tours
- Live Virtual Office Hours = Discussions, Q&A, Activities
- Shared Smartsheet avoids redundancy in programming
- Affiliate-wide initiative > ALL registered students attend Webinars & Office Hours
- Attendance tracked through ACE database
- Minimum requirement to be marked active = 1 webinar + 2 office hours (2hrs./wk.)
- Students will receive syllabus detailing each week's session topics, presenters, and required materials
- Capability for mentors to host office hours for specific students upon request



CAREER EXPLORATION CURRICULUM



ACE 360° ONLINE CAREER EXPOSURE + PROFESSIONAL DEVELOPMENT ENRICHMENT

The ACE Mentor Program is free and open to any high school student who has the curiosity and drive to learn about a career in design and construction — from contracting and engineering to architecture & interior design.

The ACE360 Project will provide students with essential life-skills and professional development support in order to enhance their ACE experience and provide a full circle overview of the journey into a career.

Students will work with architects, engineers and contractors on mock design challenges within the Greater Philadelphia area, while building the confidence and skills to compete with their counterparts by successfully completing applications, writing impactful essays, developing impressive resumes, and practicing communication skills in mock interviews - in person or virtually!

COVID may have changed the world but ACE is still here adapting to the new normal and connecting with students interested in learning more about the design & construction industry!

PROFESSIONAL SKILLSET GROWTH

PRE & POST PROGRAM STUDENT SURVEY RESULTS 2019-2020

PRESENTATIONS

PROBLEM SOLVING

COMMUNICATION

EXPLORING IDEAS

● PRE-PROGRAM

● POST-PROGRAM

HOW CAN I SUPPORT ACE?

- ☐ Send us videos for our online library! Construction projects, drone footage, VR technology, workers scaling buildings, time-lapse videos...
- ☐ Donating swag — branded notebooks, pens/pencils, scales or tape measures
- ☐ Provide an internship or job-shadow day for an ACE student
- ☐ Donating outdated laptops/computers for student use (clean hard drives w/ operating system & wiped of proprietary information)
- ☐ Donations for student materials and academic & technology scholarships are accepted via PayPal, Checks & Text to Donate



WANT TO GET INVOLVED?
WE ARE CURRENTLY SEEKING SPONSORS + MENTOR FIRMS FOR THE 2020-2021 VIRTUAL PROGRAM!
EMAIL US AT GREATERPHILLY@ACEMENTOR.ORG FOR MORE INFORMATION.

VISIT US AT ACEMENTORPHILLY.ONLINE @ACEMENTORPHILLY [f](https://www.facebook.com/acementorphilly) [i](https://www.instagram.com/acementorphilly) [in](https://www.linkedin.com/company/acementorphilly) [yt](https://www.youtube.com/channel/UC...)

- Mentors determine session topics
- Delivery via Google Meet, Zoom, or other platform
- Support & guidance provided by Affiliate Directors
- Students receive an all-encompassing education to the design & construction industry
- Recorded 1-hour webinar; live 30min Virtual Office Hours
- No need to “reinvent the wheel”
- Hands-on activities are encouraged (group & independent)
- Mentor Firms who cannot host a week of programming can: share videos, donate swag or materials, sponsor material kits & scholarships



PROFESSIONAL DEVELOPMENT CURRICULUM

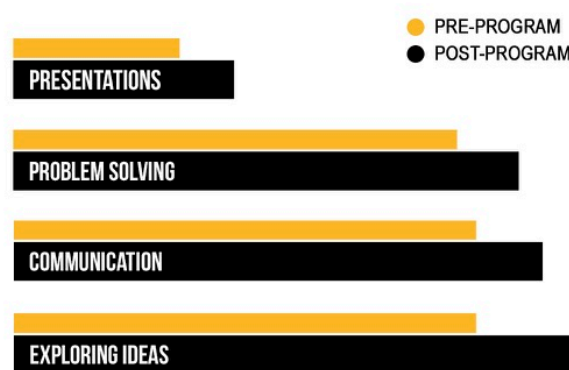


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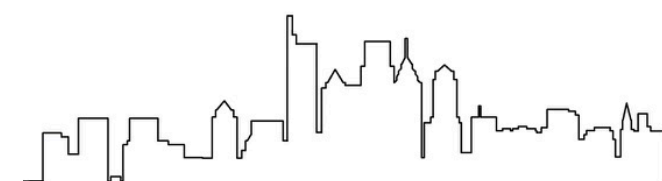
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PROFESSIONAL SKILLSET GROWTH
PRE & POST PROGRAM STUDENT SURVEY RESULTS 2019-2020

WHAT CAN ACE DO FOR YOU?

- ☐ Develop a competitive resume for employers
- ☐ Set up an impressive LinkedIn profile
- ☐ Provide techniques for nailing an interview
- ☐ Design your own Business Card
- ☐ Build a Network of Industry Professionals who can help you find Internships and/or Jobs
- ☐ Get access to information about scholarships, learning opportunities, and fun events
- ☐ Help you make decisions for life after high school
- ☐ Learn about the various career paths in the design and construction industry



ACE MENTOR PROGRAM
ARCHITECTURE • CONSTRUCTION • ENGINEERING



WANT TO GET INVOLVED?
WE ARE CURRENTLY RECRUITING STUDENTS TO ENROLL IN THE 2020-2021 PROGRAM!
EMAIL US AT GREATERPHILLY@ACEMENTOR.ORG FOR MORE INFORMATION.

VISIT US AT ACEMENTORPHILLY.ONLINE @ACEMENTORPHILLY [f](https://www.facebook.com/acementorphilly) [i](https://www.instagram.com/acementorphilly) [in](https://www.linkedin.com/company/acementorphilly) [yt](https://www.youtube.com/channel/UC...)

- Same format as Career Exploration (1h recorded webinar + 30m live Office Hours)
- Topics focus on soft-skills needed to succeed professionally post-high school (resume development, interview techniques, social media, professional etiquette, etc.)
- Hands-on activities & “homework” encouraged – draft resume, practice interview techniques, create business card, develop LinkedIn profile, etc.

The ACE logo consists of the letters 'A', 'C', and 'E' in a stylized, overlapping font. The 'A' is yellow, the 'C' is magenta, and the 'E' is cyan.

THANK YOU!

We will start the Q&A now, please continue to use the chat feature in GoToWebinar dashboard.

We will compile the Q&A in a follow-up document with a link to the recording of today's session.

