

2026 - 2027 ACE DC Mentor Program

Student Presentation/Mock Design RFP



Overview

Each year, ACE DC student teams have the opportunity to create their own mock design project and to present their project in our local competition. In April 2027, each team will present its project to a panel of industry judges and compete for 1st, 2nd or 3rd place. After the competition, the judges will provide feedback on each team's presentation and work product. Student teams are not required to compete – many teams use this event as an opportunity to obtain feedback on their effort throughout the year! The event is intended to be a fun learning opportunity, and the judges are looking for creative and well thought out projects that are feasible and carefully designed.

Design Prompt

This year, all teams will be designing and presenting in response to the following design prompt, which is one of the topics from the 2027 Construction Industry Round Table ("CIRT") national competition.

FORGOTTEN INFRASTRUCTURE

Communities around the world are reimagining obsolete infrastructure and underutilized places as opportunities to address real needs, reconnect neighborhoods, and transform an eyesore into a lasting public amenity. Your project should:

- Transform a forgotten or underutilized site into a vibrant public asset for the community it serves
- Preserve and reuse existing structures or infrastructure wherever feasible
- Use adaptive reuse and green infrastructure to improve environmental performance, access, and connectivity
- Integrate this space into its surrounding neighborhood(s) by improving connectivity and access rather than creating an isolated amenity
- Deliver lasting environmental, ecological, and community value
- Help the area adapt to future climate and infrastructure needs.

Visit www.cirt.org/competition and review the Competition Handbook for additional information. We encourage teams to consider submitting their projects to the national competition!

Note: The location of each team's project must be within the DMV area (i.e., the major metropolitan region made up of Washington, D.C., and its nearby suburbs in Maryland and Virginia)!

Note: Teams do not need to provide all CIRT deliverables for ACE DC's student competition.

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Presentation Requirements

Each team will prepare a PowerPoint presentation about its project. There is no limit on the number of PowerPoint slides in the presentation (but remember the time deadline). The PowerPoint slides **must** include the following:

1. Project overview
2. Introduction of team members
3. At least 3 project deliverables (identified below)
4. Project renderings (Sketch-up, BIM, hand-sketched)
5. Lessons learned (maximum of 3)

Presentations must be at least 10 minutes long and no more than 13 minutes long. Teams may request a warning at the 8-minute mark and/or the 10-minute mark. After the completion of the presentation, judges will be permitted to ask questions of the team for approx. 2 minutes. Presentations and judges' questions will be stopped at the 15-minute mark. Judges will consider a presentation's overall time in their scoring.

Physical models may be prepared and presented.

Each student team member should be permitted to present if they choose, and all student team members should be involved in the final work product.

Deliverables

Each presentation must include a visual depiction of the project and at least three of the below deliverables.

- Site selection overview
- Site analysis plan (hand sketched or digital)
- Engineered site plan
- Floor plan(s)
- Elevation(s)
- Perspective view(s)
- Interior room layouts
- Framing plan(s)
- Logistics plan
- Construction budget/cost estimate
- Construction schedule
- HVAC/plumbing/electrical plans
- Proposed engineering systems
- Landscape design
- Sustainability or LEED considerations
- Resiliency design elements
- Community impact

Judges encourage creativity, critical thinking, and ingenuity, and want to see that students worked together as a team and had fun in the process!