



Top 10 Reasons to Sponsor ACE

1. ACE is One of a Kind.

Unlike any other program, ACE introduces high school students to the *full* process of designing and building a project and to *all* facets of the integrated design and construction industry.

2. ACE Serves the Entire A-E-C Industry.

All A-E-C industry sectors sponsor and lead ACE for the benefit of the overall industry's workforce. No other afterschool or mentoring program has a comparable industry-wide focus or support base.

3. ACE Helps Meet A-E-C Industry's Future Workforce Needs.

- 7 in 10 of all alumni major in A-E-C in college or are already employed in the industry.
- Industry-related majors of 2016 alumni entering college:
 - 22% design (architecture, landscape architecture, interior design, urban planning)
 - 45% mechanical, civil, electrical and structural engineering
 - 5% construction management

4. ACE Taps the Power and Value of Volunteerism.

In the 2016-2017 program year, 3,600 industry professionals volunteered an average 38 hours as mentors. The value of their time is an estimated \$20.8 million.

5. ACE's Success Has Earned National and Local Recognition.

- 2010 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring – the nation's highest award for mentoring.
- American Institute of Architects 2014 Collaborative Achievement Award.
- ACE affiliates, leaders and mentors annually earn national and local awards for their professional achievements and contributions to ACE.

6. ACE Helps Diversify Industry Workforce.

- African-American and Hispanic ACE students enter college as architecture and civil, mechanical and electrical engineering majors at *double* and *triple* the rates of their national counterparts.
- ACE women students enter college as engineering majors at almost *twice* the national rate.
- 28% of ACE students are from families where neither parent attended college.

7. ACE Motivates and Assists Student to Attend College.

- 80% of students report ACE increased their motivation to attend college.
- ACE has awarded more than \$14 million in scholarships since its founding, including \$1.7 million in 2016.
- 7 out of 10 alumni say they felt ACE gave them an edge over their freshmen college classmates.

8. ACE Teaches Students a Broad Range of Industry-related Skills.

More than 80% of ACE students agree that they learned such skills and knowledge as green design, basic engineering principles, construction cost estimation, and computer-aided design.

9. ACE Gives Students 21st-Century Work Life Skills Prized by Employers.

85% of 2016 alumni agree ACE improved their leadership, oral and graphic communication, problem-solving, and teamwork skills.

10. ACE Enhances Students' Attitudes Toward High School Studies.

Two-thirds of ACE alumni from the class of 2016 believe their ACE experience made their high school studies more meaningful and motivated them to study more.