

# ACE Benefits

## the Design and Construction Industry



### One of a Kind

**ACE stands apart** from other educational/workforce programs aimed at the design and construction industry. ACE:

- Targets **high school students** just as they seriously start to explore career options.
- Teaches students about the **entire** process of designing and building a project.
- Relies exclusively on **passionate industry professionals** to excite and mentor students.
- Launched and driven by **all A/E/C industry sectors to serve their needs.**



### Fulfills Future Industry Work Force Needs

Seven-out-of-ten high school seniors take steps to pursue industry careers.

- 43% expect to major in **mechanical, civil, electrical, or structural engineering.**
- 23% declare a college major in a **design field** (e.g. architecture, landscape architecture).
- Students also major in **construction management** and enter a **skilled crafts program.**



### Sponsors Laid the Foundation for and Now Fuel ACE's Growth

- National and affiliate sponsors include A/E/C firms, trade associations and societies, trade unions, law firms, insurance companies, IT companies, manufacturers, service providers, individual donors and others.
- **Students rely on the annual support** of ACE's generous sponsors.
- **ACE alumni** in growing numbers now give back to the program by mentoring students.



### National Honors

- 2010 **Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring**, the nation's highest award for mentoring
- 2014 **AIA Collaborative Achievement Award**



### Increases Diversity

The percentages of **African-American** and **Hispanic** ACE students entering college in architecture and civil, mechanical and electrical engineering programs are **more than double the national rates** of comparable freshmen enrolling in these fields.

**Female** ACE students enter college intending to major in civil, mechanical and electrical engineering at **almost twice the national rate** of comparable freshmen enrolling in these fields.



### Motivates and Assists Students to Attend College

- Almost 75% of students report ACE **increased their motivation to attend college.**
- More than **\$14 million in scholarships** have been awarded since ACE founding.
- 70% of alumni say **ACE gave them an edge** over their freshmen college classmates.

Please support ACE national or a local affiliate. To learn more, visit [www.acementor.org](http://www.acementor.org) or call 703.942.8101.