Hands-on experience

Five pillars to a Wayne State College of Engineering education:

- Experiential learning through co-ops and internships
- Hands-on experience
- Global perspective
- Scholarships
- Undergraduate research

Our students gain valuable hands-on experience as part of the Wayne State team in national engineering competitions, building everything from Formula-style racecars to robots to concrete canoes.

Wayne State was one of 15 universities in North America – and the only institution in Michigan – chosen to participate in EcoCAR 2: Plugging in to the Future, a one-of-a-kind initiative established by the U.S. Department of Energy and General Motors. The team successfully earned its spot in the second year of the competition and is now implementing its design.

Civil engineering students compete annually in a steel bridge competition, which challenges them to build a 1/10th-scale model steel bridge that is evaluated on assembly economy, construction speed, stiffness, lightness, display and efficiency.

Other opportunities are available through the College of Engineering’s many student organizations.

Engineers thrive on building new things. And students are no different. Opportunities for hands-on experience continue to grow thanks to the support of alumni and friends – friends like Ford Motor Company, which unveiled the naming of the Ford Motor Company Student Activity Center at the college.

College of Engineering