



ENGINEERING





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ENGINEERING

Students Hands-On Experience:

- Building Solar Panels at our adopted Catholic high school in Haiti which allowed students
 to apply their engineering knowledge, advance their commitment to sustainability and
 provide service to those who are truly in need
- Introducing the "E-Walk" so that Loras personnel from the Provost to Campus Safety staff can traverse the campus in sustainable, affordable and efficient ways
- Creating the Loras logo for entry signs to the College as a senior capstone to demonstrate an ability to work collaboratively and provide a lasting gift to their alma mater
- Serving a Dubuque Stamp and Manufacturing Internship whereby our students designed the entire 40,000 square foot facility expansion
- Designing a functional, programmable, and user-friendly gaming console (e.g., Wii, Xbox) or green board that was selected as the first place winner at a prestigious regional competition

The Faculty:

- All have PhD. credentials
- These degrees come from University of Nebraska, North Dakota State University, University
 of Wisconsin
- Their summer research takes them to places such as Berkley National Laboratory.
- They teach full-time during the academic year; they do their scholarly research in the summer

The Outcomes:

- For the past two years 100% of our graduates have passed a mock assessment of the national Fundamental of Engineering exam (50% is the national average)
- In May 2011, Loras students took first place at the Regional Diligent Design Contest in Terra Haute, Indiana. This qualified them for the International Tournament in Germany

Alumni Success:

- Ryan Kruse ('09) John Deere, Dubuque, Iowa.
 As a student at Loras, Ryan served as president of Delta Epsilon Sigma (Catholic Honors Society) and peer assistant (academic tutor). He earned an internship at John Deere and was hired as a full-time engineer even before finishing his degree at Loras. Ryan married a Loras classmate and Fulbright Scholar Liz Elsbernd just a few months ago.
- Brandon Kuboushek ('08) Entegee Engineering Technical Group, Dubuque, Iowa
 Brandon was a member of the Knights of Columbus and served as a resident coordinator
 for the K-House at Loras. He did a two-year internship at Entegee which propelled him into
 being hired as a design engineer immediately following graduation. Brandon was recently
 married to the young lady he met while on a Fellowship Conference in Florida as a Loras
 student.
- Blake Dirksen ('03) The Colorado Associates, Denver, Colorado.
 Blake worked on multiple research projects as a Loras student culminating with a poster presentation at a regional conference. Blake went on to the University of Wisconsin graduating with a M.S. degree in Medical Physics and now works for The Colorado Associates in medical physics where he installs and maintains state of the art medical equipment.
- Rob Murray ('01) U.S. Nuclear Regulatory Commission, Palo, Iowa During his time at Loras, Rob was a three-time National Wrestling All-American and upon graduation he married his Loras College sweetheart, Jody. Rob was accepted into a highly competitive nuclear engineering program at the U.S. Naval Academy and then served in the U.S. Navy for seven years. He traveled all over the world as the primary nuclear engineer aboard a nuclear-powered and nuclear-armed submarine and then landed three job offers upon completing this service. Rob now works as the Resident Nuclear Regulatory Agency's inspector at the Duane Arnold Nuclear Power Plant in Palo, Iowa.
- Dick Breitbach ('86) Conveyor Engineering, Cedar Rapids, Iowa
 When Dick attended Loras, there was no opportunity for a degree in engineering so he
 attended Loras for his first three years before having to transfer to Iowa State University.
 While at Loras, Dick was class president and a three-year starter on the basketball team.
 Upon transferring to Iowa State, he earned a spot on the basketball team and wound up
 starting several games, including the Cyclone's NCAA tourney appearance.

The Bottom-Line:

- You can attend Loras, receive a first-class education and experience a wide range of opportunities.
- You can get a degree in Engineering and graduate in 4 years.
- You can receive a great education at an affordable price with few loan obligations.
- You can graduate in four years, pass national tests, gain acceptance to graduate schools and land a job at a higher rate than most other colleges and universities.

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