



Racing into Engineering – Start Your Engines! Summer Engineering Camp at St. Ambrose University

“Racing into Engineering,” will allow campers to have hands-on fun while exploring aerodynamics, force, power, and energy. Participants will design CO₂ dragsters, build the cars from wood, test the initial designs in a wind tunnel, improve the cars, and race the finished products. Additional activities will focus on solution of engineering problems.

Choose one of two sessions:

Session 1 runs from June 15-June 19. 9:00-3:00 each day.

Session 2 runs from June 22-June 26. 9:00-3:00 each day.

Cost: \$245 for the week-long camp.

This fee covers all materials, lunches at the SAU dining room, and daily snacks. A student who receives free or reduced-cost lunches at school qualifies for a scholarship which will reduce camp cost to \$10 for the entire week. A teacher’s signature is required for a scholarship request.

Enrollment for this camp is strictly limited to 45 campers for each session. Get your form in early so you will not be left out! There is a waiting list every year for this popular camp!

Questions? Dr. Rachel Serianz at 563-333-6114 or 563-391-8735. SerianzRachelK@sau.edu.

Mail completed applications to:

Dr. Rachel Serianz
St. Ambrose University
518 West Locust Street
Davenport Iowa 52806

Or scan and send to: SerianzRachelK@sau.edu

These materials are neither endorsed nor sponsored by the Davenport Community School District, nor does the school district take any position with regard to the materials presented.



Dear Science Teachers or Teachers of Students in Grades 5-6:

St. Ambrose University is pleased to announce the return of the Engineering Summer Camp for students currently in fifth and sixth grade. We believe that giving students an opportunity to see how science and engineering concepts are applied to the real world in a fun and interesting atmosphere will encourage further study in the sciences and possibly lead to careers in science and engineering.

The camp this year, entitled “Racing into Engineering,” will feature concepts related to aerodynamics, force, power, and energy. Participants will design CO₂ dragsters, build the cars from wood, test the initial designs in a wind tunnel, improve the cars, and race the finished product. Additional activities will focus on solution of problems relating to engineering. **Applicants may choose one of two sessions:**

Session 1 runs from June 15-June 19. 9:00 -3:00 each day.

Session 2 runs from June 22-June 26. 9:00 -3:00 each day.

The five-day non-residential camp is intended for students who have a desire to learn more about engineering and science. We ask that you identify students whom you believe would benefit from this camp experience, and give each student an application. **Copy more forms if necessary. Have the students return the applications to you as quickly as possible.** Please send all completed applications to St. Ambrose University using the enclosed envelope. We will send acceptance letters directly to students at their home addresses. Please make sure that students have included correct legible addresses (including ZIP codes), phone numbers and email addresses. **Also make sure a parent/guardian has signed each form. You must also sign if the student is requesting a scholarship. Your signature will suffice as documentation of the financial needs of the student.**

It is our hope that many children from populations under-represented in science such as minorities and women will participate in the “Racing into Engineering” camp. We are able to offer scholarships thanks to generous donations by Dr. Thomas and Mrs. Maryann Stoffel, St. Ambrose University, and the Rock Island Community Foundation. We will also give preference to children who have had no prior opportunity to take part in a science-related camp or club.

The cost is \$245 for the week-long camp. This fee covers all materials, lunches, and snacks. Students who receive free or reduced-cost lunches qualify for scholarships reducing the camp cost to \$10 for the week. Questions, please contact me at 563-333-6114 or 563-391-8735 or SerianzRachelK@sau.edu.

Enrollment for this camp is strictly limited to 45 campers for each session. Please get forms to me early so that your students will not be left out. In past years, this camp has generated a sizeable wait list. We can offer 15 scholarships per session to stay within our budget.

Dr. Rachel Serianz, Professor Emerita
St. Ambrose University
518 West Locust Street
Davenport, Iowa 52803

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