



St. Ambrose University is pleased to announce the return of the Engineering Summer Camp for students currently in fifth and sixth grade. The camp is designed to increase student interest in engineering and the sciences prior to high school. 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 alternative energy sources. **Applicants for the camp may choose one of two sessions:**

Session 1 runs from June 12-June 16.

Session 2 runs from June 19-June 23.

The five-day non-residential camp is intended for students who have a desire to learn more about engineering and physics. We ask that you identify students whom you believe would benefit from this camp experience, and give each student an application. **Xerox 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 addresses (including ZIP codes), phone numbers and email addresses. Also make sure that both you and a parent/guardian have signed each form – particularly if the student is requesting a scholarship.

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 \$200 for the week-long camp. This fee covers all materials, lunches, and snacks. Students who receive free or reduced-cost lunches qualify for scholarships which will reduce their camp cost to \$10 for the entire week. If you have questions, please contact me at 563-333-6114 or email me at SerianzRachelK@sau.edu.

Enrollment for this camp is strictly limited to 35 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.

Dr. Rachel Serianz, Professor
Teacher Education Program
St. Ambrose University
518 West Locust Street
Davenport, Iowa 52803
563-333-6114
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“Racing into Engineering” for Students Currently in Grades 5-6: St. Ambrose University Summer 2017 Camp Application Form

Congratulations! Because of your interest and ability in science, you have the opportunity to apply for “Racing into Engineering” – a science and engineering camp to be held this summer at St. Ambrose University. Please fill out this form and return it to your teacher. The sooner the form is turned in, the better your chance of being accepted. The cost for the camp is \$200. Anyone who receives free or reduced-rate lunches can attend the entire camp for \$10. A teacher’s signature is required for a scholarship request. Do not send money with this application. Please choose your session below. Questions: Dr. Rachel Serianz: 563-333-6114, SerianzRachelK@sau.edu

Session 1 runs from June 12-June 16 I choose this session _____

Session 2 runs from June 19-June 23 I choose this session _____

I could attend either session _____

Student Information:

Name _____ Grade This Year _____

School and City _____

Home Address (Street Address, City, State, ZIP) _____

Home Phone _____

Optional Information: Gender: Male _____ Female _____

Optional Information: Ethnicity: Caucasian _____ African American _____ Hispanic/Latino _____
Asian/Pacific Islander _____ American Indian/Alaskan Native _____

Please tell us why you are interested in taking part in a week-long summer camp in science and engineering.

What chances have you had outside of school to explore your interest in science? Don’t be afraid to say that you have never had a science experience outside of school.

I understand that my signature below indicates I will take part in the Racing into Engineering Camp if I am accepted.

Student Signature: _____

Parent/Guardian Information:

Name of Parent or Guardian: _____

Address: _____ Email _____

Home Phone: _____ Work Phone: _____ Cell Phone: _____

Special dietary needs or other special needs of the camper (THIS IS VERY IMPORTANT!) _____

Emergency Contact: Name: _____ Phone: _____ Relationship to Camper: _____

I understand that my signature below indicates my willingness to have the camper participate in Racing into Engineering:

Signature of Parent or Guardian: _____

The camper above is eligible for a camp scholarship (free or reduced-rate school lunches): Yes _____ No _____

Teacher’s Signature: _____