

Selection Criteria

Several qualifications will be considered in the selection of a participant, including the following:

- Grade point average (minimum 3.0)
- Short student essay (~100 words)
- Results from national standardized tests (including ACT, SAT, talent search test scores, etc.) **if available**
- Extra-curricular activities such as athletics, music, volunteering, FIRST Robotics, FIRST LEGO® League, and similar competitions, or other academic camps

No prior knowledge of robotics or other engineering topics is required. You may participate in small groups according to your age and talents.

Counseling, 24-Hr Supervision

Two counselors for the 16 participants, approved by the university, will be on duty each day following the day sessions. They will live, eat, work, and participate in recreational activities with you. The university promotes a safe atmosphere of fun during the week. Camp starts at 4 p.m. on a Sunday, and ends at 3 p.m. on a Friday.

Recreation

You will have full access to the multi-million dollar James Norris Athletic Center and the Student Activity Center. Included in the complex are a gymnasium, swimming pool, racquetball, basketball, volleyball, tennis courts, climbing wall, and more.

Accommodations

Housing will be provided in the honors students' living complex, typically with two students per room. Meals will be served in the Quarterdeck dining facility. You are encouraged to live-in and benefit from the away-from-home, college-life experience.

Shirts and Certificates

You will receive a t-shirt and certificate of achievement upon completion of the program.

"I had an AWESOME time and I don't want to leave. I will miss everyone."



Cost & Scholarships

LSSU's summer robotics and engineering camps are exclusive programs limited to only 16 gifted and talented students per camp. All participants are awarded an automatic \$300 scholarship. If you are requesting an additional scholarship award, please complete and return the Scholarship Application form. Additional scholarships will be awarded on a first-come, first-served basis to qualified individuals. Please visit our website for current pricing and applications.



"This camp is amazing. If I could, I'd hide under my bed so I could stay another week."

"I thought it was just professors talking on-and-on but it was ... the BEST camp EVER."

www.LSSU.edu/eng/camps

Visit for costs, dates, online application, scholarship application form & more.

Summer Robotics & Engineering Camp
LSSU School of Engineering & Technology
650 W. Easterday Ave.
Sault Ste. Marie, MI 49783-1699
Phone: 906-635-2207
E-mail: ENGINEERING@LSSU.EDU

Lake Superior State University's School of Engineering & Technology reserves the right to cancel a program. It is the policy of Lake Superior State University that no person shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in employment, or in any program or activity for which the university is responsible on the basis of race, color, national origin or ancestry, gender, age, disability, religion, height, weight, sexual preference, marital status or veteran status.

Summer Robotics & Engineering Camps at LSSU

for Gifted & Talented Students
Entering Grades 8-11

Multiple sessions available
for young women and young men

Taught by LSSU professors



 **LAKE SUPERIOR**
STATE UNIVERSITY

School of Engineering & Technology
Sault Ste. Marie, Michigan

Visit LSSU.edu/eng/camps
for cost, dates, and other details.

Summer Camps

Robotics & Engineering at LSSU

The Robotics and Engineering Camps have been offered at Lake Superior State University (LSSU) since 1991. It introduces **gifted and talented** science and engineering oriented young men and women to the opportunities of a high-technology world. Our hands-on approach, along with lectures and demonstrations, is ideal for college-bound students and is the type of activity **college recruiters** are anxious to see.

You will actively participate with industrial robots, computer programming/animation, mobile robots, automation, GPS, electronics, and Web page development. With each session, the potentials of these areas are discussed along with their current applications.

Evening activities typically include: swimming, ice skating, athletic activities in the university's gymnasium, putt-putt golf, and visits to local attractions. On the final day of the camp, you will showcase a final project presentation to family and friends.

LSSU houses one of the most modern technological educational facilities and one of the best **multi-million dollar robotics labs** in the USA. This facility was recognized by the Technology Accreditation Commission



The combination of fun and education is an experience that you'll remember all of your life.



visit LSSU.edu/eng/camps

(TAC) of ABET as one of the most complete and advanced facilities of its kind in the nation. With extensive laboratories and limited camp enrollment of a maximum of 16, each participant will have plenty of personal hands-on experiences with state-of-the-art equipment.

The university offers B.S. degree programs in computer, electrical, mechanical, and robotics engineering. We are one of **only a few universities in the U.S.** offering an option to specialize in robotics and automation in an undergraduate engineering program.



Faculty

All classroom and laboratory experiences are directly **taught by LSSU faculty and staff** members. Engineering professors serve as the program coordinators. Talented LSSU engineering student staff will also interact with you on a one-on-one basis in the laboratory activities. Arrangements can be made with faculty to discuss any questions you may have regarding other technology-related fields. They can also provide assistance with your career planning.