

Program Faculty

The faculty includes University of Maine professors and engineering graduate students. You will also meet current undergraduate engineering students as well as recent graduates from several engineering disciplines. You can ask them about their skills, job interests, co-op and internship experiences and engineering career opportunities.

Housing and Meals

Housing will be provided in University residence halls with two students sharing each room. Students will eat meals in a University dining hall beginning with Sunday dinner and ending with Wednesday breakfast. Parents are invited to join the students for lunch at the Soderberg Center at Jenness Hall on Wednesday at the close of the program.

Admission Criteria

Admission will be offered on a competitive basis to students who have completed a three-year college prep level program in both mathematics and science. Successful applicants also should demonstrate a well-rounded high school experience by participating in extra-curricular or community activities and possessing exceptional communication and leadership skills. Include with your application a list of any honors received, such as National Honor Society, science fair winner, participant in local program for gifted and talented students, or some similar recognition earned as a high school student. All application materials must be received by May 1, 2017. Admission decisions will be announced via the email provided in the application on or before May 31, 2017.

The Consider Engineering program gives you an opportunity to experience what it would be like to be an engineering student. From lectures and labs to life in the dorms you'll get a real taste for college life. Students learn first-hand the challenge of trying to complete several group projects while also making new friends. Students walk away knowing if engineering is the right college major for them.

*-Professor Dave Neivandt
Assoc. V. P. for Research & Graduate Studies*

Application Instructions for the 2017 Consider Engineering Summer Program

Applications will be accepted starting February 1st. Please visit our website at mainepulpaper.org and click on the Consider Engineering tab on the left hand side. There you will find a link to begin the application process by first registering in our system through Eventbrite. Once your registration is complete you will be prompted to email the following documents to jennifer.b.ireland@maine.edu:

- 1) A copy of your school transcript through the first half of your Junior Year.
- 2) A one page letter describing what benefits you intend to achieve through participation in the program.
- 3) A one page list of Extracurricular Activities. Include any Honors or Leadership Positions held. (i.e. community/volunteer, employment, sports, student government/clubs, academic awards, church and/or scouting activities)
- 4) A letter of recommendation in support of your application by a teacher or counselor at your school.

PLEASE EMAIL ALL DOCUMENTS IN PDF FORM IF POSSIBLE. Documents may also be mailed to the Educational Relations Committee, University of Maine Pulp & Paper Foundation, 5737 Jenness Hall, Orono, Maine 04469.

ALL APPLICATION MATERIALS MUST BE RECEIVED BY MAY 1, 2017. Please contact us with any questions at 207-581-2297.



A unique four-day program for students to experience college life and career challenges



This program is sponsored by:



5737 Jenness Hall
Orono, ME 04469-5737
Tel (207) 581-2297
e-mail: pulpaper@maine.edu
www.mainepulpaper.org

If you will need an accommodation to participate in the program owing to a disability, please call Jen Ireland at least 72 hours prior to the start of the program at 207/581-2297.

UNIVERSITY OF MAINE

CONSIDER ENGINEERING

Take Advantage of a **UNIQUE**
Opportunity for High School
Juniors Who Excel in
Math & Science



July 9 - 12
July 16 - 19
July 23 - 26, 2017

Explore Your Career Options Expand Your Learning Abilities

If you are a high school junior who is an excellent math and science student, we would like to interest you in a unique summer experience designed to help you expand your academic ability and explore the option of studying engineering when you go to college. For over 40 years more than 3,500 students have benefited from this program.

The Consider Engineering program is a challenging and rewarding opportunity to apply principles you have learned in high school to engineering problems. You will learn and have fun as one of 102 students who will be selected competitively to spend four days in Orono at the University of Maine with all program costs being paid by The University of Maine Pulp and Paper Foundation. The program will enroll students from throughout Maine and other states as well. It will build a base upon which to make college and career decisions.



BENEFITS OF PARTICIPATING

- **MEET** college professors of engineering
- **FIND OUT** how engineering is similar and different from science
- **EXPLORE** the excitement of engineering design in a constructive competition
- **TOUR** a Maine paper manufacturing facility to see how wood is converted to pulp and then to paper by applying engineering methods
- **LEARN** what personal values are most important to you in making your career choice
- **ENJOY** working with other gifted students who, like you, are exploring their interests and capabilities
- **DISCUSS** engineering careers with practicing professionals
- **TALK** with UMaine engineering students about college and job experiences
- **DISCOVER** time management demands of college life while participating in challenging projects and fun activities with fellow participants
- **EXPERIENCE** four days of campus life

Program Activities

The four-day program offers nearly two dozen activities balancing personal values exploration with engineering experiments, discussion with University staff, students and industrially employed engineers, and problem solving challenges. You can gain the satisfaction of succeeding at projects designed to stimulate your intuition and reason. Program participants work both independently and cooperatively to learn skills and then apply those skills to real life problems.

Students realize considerable personal satisfaction from meeting challenges greater than those they have typically experienced.

The Consider Engineering program allowed me to use my math and science skills and to become familiar with the UMaine campus while having fun. As an out-of-state student, I was able to establish connections with students and professors that made entering a college so far from home a little easier. The program not only made me feel that engineering is right for me, but also gave me the background information I needed to select a field. Excellent program!

-a current Scholarship Recipient



The Pulp and Paper Consider Engineering Program was one of the main factors that led me to pursue a degree in Chemical Engineering at UMaine. The program gave me a chance to learn about all fields of engineering while performing hands on experiments and making lasting friendships. I was able to meet and work with some of the professors that I now encounter on a daily basis. I would definitely suggest the program to anyone that is considering the field of engineering.

-a current Scholarship Recipient



Consider Engineering is a fun, educational program that helps students learn what engineers do as well as experience college life at the University of Maine. Participants will build lasting lifetime friendships as their eyes are opened to the many possibilities that engineering has to offer. These four days on campus will shape advanced education and career choices for years to come.

*Carrie Enos, President
UMaine Pulp & Paper Foundation*

