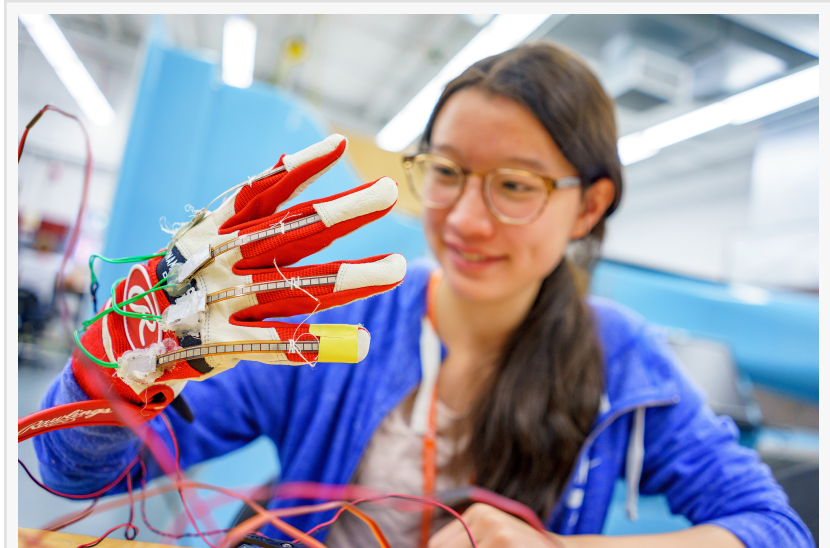


Rose-Hulman Institute of Technology Having Summer STEM Programs for High School Students, Including a New Camp for Girls

On-campus and at-home summer programs allow high school students to explore their STEM interests as well as build college preparedness and competitiveness.

TERRE HAUTE, IN, UNITED STATES, January 19, 2022 /EINPresswire.com/ -- [Rose-Hulman Institute of Technology](https://www.einpresswire.com/2022/01/19/rose-hulman-institute-of-technology-is-preparing-for-a-summer-filled-with-on-campus-and-at-home-programs) is preparing for a summer filled with [on-campus and at-home programs](#) that allow high school students to explore their interests in science, engineering, and mathematics (STEM) as well as build college preparedness and competitiveness.



Students get a variety of hands-on STEM experiences in the nearly two-week-long Operation Catapult summer camp program.

And a new Rose Power program, intended specifically for girls currently in ninth grade with an interest in STEM, has been added to the list.

“Rose Power is the latest in a history of summer program opportunities Rose-Hulman has offered high school students, dating back more than 50 years,” said Tom Bear, vice president for enrollment management. “We continue to explore creative ways to generate interest in STEM, especially for students who have historically been underrepresented in such programs. Students in summer programs will get to interact directly with Rose-Hulman faculty and students, and have a firsthand experience of what college life is like at Rose.”

Applications are open through April 1 for the following programs that will allow students to work in teams or individually to complete a variety of hands-on projects, many completely from scratch, with the assistance of faculty mentors. The on-campus programs will provide an opportunity for students to live on a college campus and meet other teens with similar STEM interests from across the country and world.

Rose Power

This program for girls currently in ninth grade will allow them to explore STEM as a career and expose them to women role models. Students will spend six days on campus working in Rose-Hulman's innovation centers under the guidance of faculty and students. By the end of the week, there won't be a tool or machine they haven't conquered. This camp will empower students to build any widget or gadget they can imagine.

This year's program is planned June 26-July 1

Cost: \$1,450

Operation Catapult

For more than 50 years, this nearly two-week long summer camp experience has been building STEM students skills, knowledge, and

connectedness with others who share the same math, science, and engineering passions. High school juniors or seniors can explore areas of robotics, chemistry and computer programming; make electronic and mechanical machines from scratch; work with state-of-the-art equipment and laboratories; and learn how to communicate their projects to family and friends.

“

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Tom Bear, VP of Enrollment Management, Rose-Hulman Institute of Technology

explore how science can be applied to solve difficult problems and test their designs using state-of-the-art equipment.

This summer's seven-day sessions are:



Rose-Hulman: Moench Hall

ROSE-HULMAN
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Rose-Hulman Institute of Technology

This summer's 11-day sessions are scheduled:

Session I: June 7-17

Session II: June 21-July 1

Session III: July 12-22

Cost: \$2,500

Project Select

This is an immersive, hands-on science and engineering camp for high school students after their freshman or sophomore years. There are two week-long sessions being planned this summer to allow students to build upon their existing science and mathematics knowledge and connect it to modern engineering applications. They will also

Session I: July 10-16
Session II: July 17-23
Cost: \$1,450

Creation Crates

Rose Hulman offers an experimental engineering design-at-home program for high school students who have completed their sophomore or junior years. A kit of materials will be delivered to each camper's doorstep, and they will work directly with a Rose-Hulman mechanical engineering faculty mentor online for four hours daily to design, build and test a series of experimental apparatuses, use their own setup to take experimental measurements, and analyze the trustworthiness of those results. Students also will learn about life at Rose-Hulman by getting to know a current student and taking a virtual campus tour.

Creation Crates dates: July 25-29
Cost: \$500

Rose Accelerate

Students in grades 11-12 and eligible first-year college students can expand their knowledge by taking core college coursework online this summer and earn credits toward their Rose-Hulman degree.

Courses taking place June 1-August 18

The following courses are only for eligible high school juniors and students as well as admitted first-year college students:

- Biology 101 (four semester credits hours)
- Chemistry and Chemistry Lab (four semester credits hours)
- Calculus 1 (four semester credits hours)
- Rhetoric and Composition (four semester credit hours)

The following courses are available to eligible high school juniors and seniors admitted first-year college students integrated with current RHIT students:

- Introduction to Film Studies (three semester credit hours)
- Music Theory 1 (three semester credit hours)
- Introduction to Software Development (three semester credit hours)

Learn more and apply at the following link:

<https://www.rose-hulman.edu/admissions-and-aid/early-planning/index.html>

What impact will COVID-19 have on Rose-Hulman's summer programs? Summer 2021 camp planning is now in process with the expectation that participants will comply with all policies and procedures required by Rose-Hulman related to the pandemic. Please visit our Rose Ready page for further details.

About Rose-Hulman Institute of Technology

Founded in 1874, Rose-Hulman Institute of Technology is dedicated to preparing its students

with the world's best undergraduate science, engineering and mathematics education in an environment infused with innovation, intellectual rigor and individualized attention. The institute is consistently recognized nationally as an elite STEM school for distinctions that include faculty excellence, return on investment, value-added, and career services. Career placement is near 100 percent year after year. Located in Terre Haute, Indiana, Rose-Hulman has an enrollment of approximately 2,000 undergraduate students and nearly 100 graduate students. Learn more at www.rose-hulman.edu.

IMAGE DESCRIPTION:

Here is a link to a Dropbox of images from the 2021 summer camps:

https://www.dropbox.com/sh/8l17q3fpc8qi6pf/AAC22lkpngTEF_mThZfVF7yBa?dl=0

Please credit Rose-Hulman Institute of Technology/Bryan Cantwell

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