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Summer Engineering Course for High School Students to be offered at Red Rocks Community College

LAKESWOOD, CO - Red Rocks Community College (RRCC) is pleased to announce it will offer the Johns Hopkins University Engineering Innovation Summer Program to motivated high school students for the first time in 2019.

Engineering Innovation is an exciting college level summer program for motivated high school students with an aptitude in math and science and an interest in (or curiosity about) engineering. It is the summer version of a freshman course offered to undecided engineering majors at Johns Hopkins. The semester-long course is condensed into four weeks and is made available to high school students in the summer. In four weeks students complete lab activities in computer/electrical engineering, chemical engineering, materials science, civil engineering, robotics, and mechanical engineering. They also prepare a presentation in response to a Request for Proposal, learn about engineering economics, and write a research paper. They take weekly quizzes and a comprehensive final exam. Students earning an A or B in the course receive three Johns Hopkins college credits.

The course will be offered at Red Rocks Community College from June 24 through July 19, Monday-Friday, 9 a.m. to 3 p.m. There will be no class on Thursday, July 4th. Prerequisites are Algebra II, trigonometry, chemistry and/or physics, and experience with a spreadsheet application.

For more information or to apply to the program, please visit <https://ei.jhu.edu/>.

RRCC will host an Open House for interested students on Saturday, February 23 from 1:00-4:00. Students who would like to attend the Open House should RSVP at <https://www.rrcc.edu/engineering-transfer>

About The Johns Hopkins University, Whiting School of Engineering, Center for Educational Outreach

In 2003, the Center for Educational Outreach was established by the Whiting School of Engineering to increase the number of youth who pursue science technology engineering and mathematics (STEM) education and careers, particularly women and underrepresented minorities. Through partnerships with local schools, youth-serving nonprofits, local corporations, and faculty, the Center for Educational Outreach works to make a broad impact on the community and create effective, scalable, sustainable programs.

JHU Contact

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More about Red Rocks Community College: Established in 1969, Red Rocks Community College delivers high-quality, affordable education programs leading to two-year degrees or professional certificates. The college serves over 13,000 students per year online and at campus locations in Lakewood and Arvada. www.rrcc.edu.

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