

List of High School Students upcoming Summer programs/Internships

Published 15/04/24



<p>Internships <i>Engineering</i></p> <p>American Museum of Natural History : Science Research Mentoring Program (SRMP)</p> <p>The Science Research Mentoring Program (SRMP) at the American Museum of Natural History (AMNH) is an opportunity for NYC high school students to conduct one year of scientific research with AMNH scientists...</p> <p>https://www.amnh.org/learn-teach/teens/science-research-mentoring-program</p> <p>Grades: 9,10,11 State: NY</p> <p>Program date: Aug 2024- June 2025</p> <p>Due date: Mar 5,2024</p> <p>Fees: \$1000 Stipend</p>	<p>Summer Program <i>Engineering</i></p> <p>Kentucky State University : Summer Apprenticeship Program</p> <p>The Summer Apprenticeship Program is designed to prepare students for college life while exposing them to different career opportunities in STEM—science, technology, engineering and mathematics—fields...</p> <p>https://www.kysu.edu/academics/college-accs/school-of-ace/co-op/summer-apprenticeship-program.php</p> <p>Grades: 10,11 State: KY</p> <p>Program date: June 23-July 14,2024</p> <p>Due date: Apr 30,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Arkansas : Engineering Scholars Program</p> <p>The objective of the Engineering Scholars Program is to increase the number of students entering engineering programs in Arkansas through exposure to hands-on engineering projects, plant trips, and in...</p> <p>https://ualr.edu/cstem/summer-programs/</p> <p>Grades: 9,10,11 State: AR</p> <p>Program date: June 16 – 22, 2024</p> <p>Due date: Apr 2024</p> <p>Fees: TBD</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Colorado : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/</p> <p>Grades: 9,10,11 State: CO</p> <p>Program date: June -Aug 2024</p> <p>Due date: May 2024</p> <p>Fees: Free</p>
<p>Internships <i>Engineering</i></p> <p>Pacific Northwest National Lab : High School Research Intern</p> <p>High school students— are you interested in preparing for careers in STEM? Why not consider an internship at PNNL? During the academic year, students attend regular classes at their school for half a ...</p> <p>https://www.pnnl.gov/high-school-research-intern</p> <p>Grades: 9, 10, 11 State: WA</p> <p>Program date: June-Aug 2024</p> <p>Due date: Apr 2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Civil Engg : Electrical Engg</i></p> <p>Manhattan College Summer Program :- Girls Only</p> <p>Manhattan College is hosting a Summer Program for Minority and Women High School Students interested in Engineering and Science at no cost to the students. This program has been co-sponsored by the A...</p> <p>https://manhattancollege.formstack.com/forms/summer_engineering_program_registration</p> <p>Grades: 9,10,11 State: NY</p> <p>Program date: June 24-29,July 8-12,July 15-19,July 22-26,2024</p> <p>Due date: Apr 26,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Arkansas School for Mathematics, Sciences, & The Arts : Ignite Camp</p> <p>Discover a little bit of everything ASMSA has to offer with this one-week "survey" summer camp. Campers will experience hands-on activities in physical and life sciences, art, computer science, litera...</p> <p>https://www.asmsa.org/outreach/summer-at-asmsa/</p> <p>Grades: 9,10,11 State: AR</p> <p>Program date: June 9-15,2024</p> <p>Due date: May 3,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Florida State University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/</p> <p>Grades: 9,10,11 State: FL</p> <p>Program date: June -Aug 2024</p> <p>Due date: May 2024</p> <p>Fees: Free</p>
<p>Internships <i>Engineering</i></p> <p>Pacific Northwest National Lab : Young Women in Science (YWIS) :- Girls Only</p> <p>The Young Women in Science (YWIS) summer internship is a research-based educational experience. PNNL offers this summer internship opportunity for high school-aged applicants who are interested in edu...</p> <p>https://www.pnnl.gov/young-women-science</p> <p>Grades: 9, 10, 11 State: WA</p> <p>Program date: June-Aug 2024</p> <p>Due date: Apr 2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Univ. of St. Thomas : Science, Technology, & Engineering Preview Summer (STEPS) :- Girls Only</p> <p>Science, Technology, and Engineering Preview Summer (STEPS) is an introduction to the exciting world of science, technology, and engineering. Participants will engineer, make, connect with mentors, w...</p> <p>https://www.stthomas.edu/stepscamp/</p> <p>Grades: 9 State: PA</p> <p>Program date: June 24-28, 2024</p> <p>Due date: Apr 14,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Central Piedmont Community College : STEM Prep Summer Program</p> <p>CPCC received a National Science Foundation (NSF) grant that is aimed at increasing the number of underrepresented minorities (URM) that receive bachelors degrees in Science, Technology, Engineering a...</p> <p>https://www.cpcc.edu/academics/ncsa/stem-prep</p> <p>Grades: 10,11 State: NC</p> <p>Program date: July-Aug 2024</p> <p>Due date: May 15,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Miami Dade College : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/</p> <p>Grades: 9,10,11 State: FL</p> <p>Program date: June -Aug 2024</p> <p>Due date: May 2024</p> <p>Fees: Free</p>
<p>Summer Program <i>Engineering</i></p> <p>AEOP : High School Apprenticeship Program (HSAP)</p> <p>HSAP provides current rising high school juniors and seniors with an authentic science and engineering research experience alongside university researchers sponsored by the Army Research Office. Thou...</p> <p>https://www.usaeop.com/program/hsap/</p> <p>Grades: 10,11 State: MLT</p> <p>Program date: June – August 2024- Check Locations</p> <p>Due date: Mar 5,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Carroll University : CU Rising Scholars Program</p> <p>CU Exploring: STEM, consists of academic and college preparedness experiences that will create and foster interest in different career fields within STEM. This day-long-program will include: - Pre-...</p> <p>https://www.carrollu.edu/admissions/pre-college/cu-rising-scholars-program</p> <p>Grades: 9,10,11 State: MI</p> <p>Program date: July 27-Aug 2,2024</p> <p>Due date: June 28,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Lawson State Community College : Girls IMPACT Summer Program :- Girls Only</p> <p>Empowering Girls to Impact the World through STEM. Our mission is to build the participants foundational skills in algebra concepts which can be critical in successfully pursuing STEM fields, to broad...</p> <p>http://www.lawsonstate.edu/stem/girls_impact_summer_program.aspx</p> <p>Grades: 9,10,11 State: AL</p> <p>Program date: July 8-18,2024</p> <p>Due date: May 15,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Savannah State University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/</p> <p>Grades: 9,10,11 State: GA</p> <p>Program date: June -Aug 2024</p> <p>Due date: May 2024</p> <p>Fees: Free</p>
<p>Summer Program <i>Engineering</i></p> <p>Boston University : AI4ALL :- Girls Only</p> <p>Boston University AI4ALL is a program promoting greater diversity and inclusion in the field of Artificial Intelligence. Young women currently in their sophomore or junior year of high school in the B...</p> <p>https://www.bu.edu/ernet/AI4ALL/</p> <p>Grades: 10,11 State: MA</p> <p>Program date: July 15-Aug 2,2024</p> <p>Due date: May 1,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Materials Engineering/Science</i></p> <p>South Dakota School of Mines & Technology : Day Camp - ASM Materials, Metallurgy & Forensics</p> <p>If you already know what a metallurgical engineer does and what doing a forensic investigation entails, then you know how cool this camp will be! In case you do not know about this field of engineeri...</p> <p>https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp--Materials-Metallurgy-and-Forensics/</p> <p>Grades: 9,10,11 State: SD</p> <p>Program date: June 17-21, 2024</p> <p>Due date: May 15,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Arizona State University : Science and Engineering Experience (SCENE)</p> <p>The Science and Engineering Experience (SCENE) provides cutting-edge science research experience to high school sophomores, juniors and seniors. Students work in state-of-the art labs at Arizona State...</p> <p>https://eoss.asu.edu/access/scene</p> <p>Grades: 9,10,11 State: AZ</p> <p>Program date: 45505</p> <p>Due date: July 31,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Kansas : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/</p> <p>Grades: 9,10,11 State: KS</p> <p>Program date: June -Aug 2024</p> <p>Due date: May 2024</p> <p>Fees: Free</p>
<p>Summer Program <i>Engineering</i></p> <p>North Carolina A&T State Univ : Research Apprenticeship Program (RAP)</p> <p>RAP has a new format for 2020. North Carolina A&T College of Agriculture and Environmental Sciences (CAES) invites rising high school juniors and seniors to participate in a two-week day research intere...</p> <p>https://www.ncat.edu/caes/agricultural-research/rap-program.php</p> <p>Grades: 10,11 State: NC</p> <p>Program date: June 18-28, 2024</p> <p>Due date: May 31,2024</p> <p>Fees: \$800 Stipend</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Missouri : Bridge Program Summer Academy</p> <p>Our Summer Academy offers academic enrichment courses in mathematics, science, written and oral communication, career research, personal and professional development and activities that support colleg...</p> <p>http://www.umsrl.edu/~precollegiate/programs/summer.html</p> <p>Grades: 9,10 State: MO</p> <p>Program date: June 17-July 12,2024</p> <p>Due date: May 24,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>HS Navigator : Young Scholar Program</p> <p>The HS Navigator Young Scholars Program strives to engage academically talented students with a strong desire to pursue careers in Computer Science and related areas. The program incorporates a lectur...</p> <p>https://hsnavigator.org/young-scholar</p> <p>Grades: 9,10,11,12 State: NJ</p> <p>Program date: July 13-Aug 4,2024</p> <p>Due date: June 1,2024</p> <p>Fees: Free</p>	<p>Summer Program <i>Engineering</i></p> <p>Morgan State University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/</p> <p>Grades: 9,10,11 State: MD</p> <p>Program date: June -Aug 2024</p> <p>Due date: May 2024</p> <p>Fees: Free</p>

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<p>Summer Program <i>Engineering</i> Jackson State University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: MS Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> University of Pennsylvania : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: PA Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Columbus State Community College : Engineering Basics Summer Camp</p> <p>This camp is designed to serve as an introductory hands-on experience for students interested in engineering and engineering technology careers. Join Columbus State faculty and staff to experiment wit...</p> <p>https://www.cscs.edu/community/summer-camps/ Grades: 9,10,11,12 State: OH Program date: June 10-14, June 24-28, 2024 Due date: May 15,2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Colorado State University : ENvision Engineering Summer Program</p> <p>The ENvision Engineering Summer Program is a collaboration with Campos Engineering, Procurement, and Construction, LLC (Campos EPC, LLC) and hosted in-person at Colorado State University (CSU). Partic...</p> <p>https://www.engr.colostate.edu/outreach/summer/ Grades: 10,11 State: CO Program date: June 2 - 6, 2024 Due date: May 3,2024 Fees: Free</p>
<p>Summer Program <i>Engineering</i> Montana Tech : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: MT Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> University of Puerto Rico : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: PR Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> NYU : Applied Research Innovations in Science and Engineering (ARISE)</p> <p>The Computer Engineering for Good program redefines "solution" by focusing on the ways computers and engineering can be applied to address the disparity. Students will go through the process of analyz...</p> <p>https://engineering.nyu.edu/academics/programs/k12-stem-education/arise Grades: 10,11 State: NY Program date: June 28 – August 11,2024 Due date: Mar 5,2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Tuskegee Univ : Freshman Accelerated Start-Up and Training for Retention in Engineering Curricula (FASTREC)</p> <p>Freshman Accelerated Start-up and Training for Retention in Engineering Curricula (FASTREC) is an eight-week long summer program offered to high school graduates who are eligible for, or have been ...</p> <p>https://www.tuskegee.edu/programs-courses/colleges-schools/coe/fastrec Grades: 9,10,11,12 State: AL Program date: May 31-July 25, 2024 Due date: May 31,2024 Fees: Free</p>
<p>Summer Program <i>Engineering</i> New Jersey Institute of Technology : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: NJ Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Virginia State University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: VA Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Oklahoma State University : UNITE</p> <p>Its a Polymers Life Academy is designed for high school students who have completed their freshman, sophomore or junior year in the Spring of 2020. The program will introduce several aspects within th...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: OK Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Arkansas School for Mathematics, Sciences, & The Arts : Engineering Camp</p> <p>If you like to learn how things work and create your own designs, this camp is for you! Learn about all types of engineering, from nuclear to electrical at this hands-on camp. Students will learn how ...</p> <p>https://www.asmsa.org/outreach/summer-at-asmsa/ Grades: 9,10,11 State: AR Program date: June 9-15,2024 Due date: May 3,2024 Fees: Free</p>
<p>Summer Program <i>Engineering</i> University of New Mexico : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: NM Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Virginia Tech : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: VA Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> University of Texas Permian Basin : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). UNITE...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: TX Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Vaughn College : Summer Engineering Experience Program (SEE-STEM)</p> <p>This five-week residential program will prepare students for college life, both academically and socially, and give them a chance to explore a major in engineering. Students can enroll in IBM courses ...</p> <p>https://www.vaughn.edu/summer-programs/ Grades: 9,10,11 State: NY Program date: July 16-Aug 16,2024 Due date: June 17, 2024 Fees: Free</p>
<p>Summer Program <i>Engineering</i> Fayetteville State University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: NC Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Marshall University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: VA Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Massachusetts Institute of Tech (MIT) Cambridge, MS : UNITE</p> <p>Is a two-week, residential radar workshop for rising high school seniors. It is a summer workshop teaching students how to build small radar systems. This summer STEM program is a FREE two-week resi...</p> <p>https://www.usaeop.com/program/unite/ Grades: 11 State: MA Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Aerospace Engg</i> The Museum of Flight - Aeronautical Explorations (AE)</p> <p>Aeronautical Explorations (AE) is a three-week summer program for Washington State rising 9th–12th graders who are, or might be, interested in a future in the aviation industry but may not know exactl...</p> <p>https://www.museumofflight.org/education/aeronautical-explorations Grades: 9,10,11 State: WA Program date: June 27–July 17,2024 Due date: May 2024 Fees: Free</p>
<p>Summer Program <i>Engineering</i> North Carolina Agricultural & Technical State University : UNITE</p> <p>UNITE is a four-week summer program, held Monday-Friday, 8am-5pm, for high school students (grades 9-12), who are considering careers in science, technology, engineering and mathematics (STEM). The A...</p> <p>https://www.usaeop.com/program/unite/ Grades: 9,10,11 State: NC Program date: June -Aug 2024 Due date: May 2024 Fees: Free</p>	<p>Summer Program <i>Engineering</i> Univ of Maryland : ESTEEM/SER-Quest Summer Program</p> <p>The ESTEEM Research Mentoring Program (Engineering Science and Technology to Energize and Expand Young Minds) and the Summer Engineering Research (SER)-Quest is an intensive 4-week VIRTUAL research-fo...</p> <p>https://eng.umd.edu/minorities/pre-college-programs/esteem-ser-quest Grades: 11 State: MD Program date: July 12 - August 6, 2024 Due date: May 15,2024 Fees: Free</p>	<p>Summer Program <i>Engineering : Chemical Engineering</i> South Dakota School of Mines & Technology : Chemical Engineering Summer Institute</p> <p>Embark on an exciting journey into the world of Chemical Engineering with our dynamic summer camp! Chemical engineering, an artful blend of science and mathematics, is the key to crafting invaluable m...</p> <p>https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp---The-Chemical-Engineering-Institute/ Grades: 9,10,11 State: SD Program date: July 8 -11, 2024 Due date: May 15,2024 Fees: Free</p>	<p>Summer Program <i>Aerospace Engg</i> The Museum of Flight - Aerospace Camp Experience Youth Volunteer</p> <p>As a non-profit organization, The Museum of Flight relies on our volunteers to provide a quality experience for our guests and help with Museum operations. New volunteers are required to attend a volu...</p> <p>https://www.museumofflight.org/about/careers/volunteering-opportunities Grades: 9,10,11 State: WA Program date: Check Website 2024 Due date: May 2024 Fees: Free</p>

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Summer Program
Engineering : Chemical Engineering
Manhattan College Summer Program :- Chemical Engineering Summer Program
The goal of this two-day Summer Program is to introduce the rising seniors and juniors of area high schools to the exciting discipline of Chemical Engineering. This workshop will help participant...
<https://manhattan.edu/academics/schools-and-departments/school-of-engineering/high-school-programs.php>
Grades: 9,10,11 State: NY
Program date: July 31-Aug 1,2024
Due date: July 1,2024
Fees: Free

Summer Program
Engineering : Mechanical Engineering : Chemical Engineering : Aerospace Engg : Civil Engg : Electrical Engg
Manhattan College Summer Program :- Summer Engineering Awareness Program
For 40 years, Manhattan College has introduced high school students to careers in engineering, math and science through the Summer Engineering Awareness Program. This 10-day intensive program for ...
<https://manhattan.edu/academics/schools-and-departments/school-of-engineering/high-school-programs.php>
Grades: 10,11 State: NY
Program date: July 8-12, July 15-19,2024
Due date: Apr 26,2024
Fees: Free

Summer Program
Engineering : Mechanical Engineering : Electrical Engg
University of Washington : Engineering Academy
Engineering Academy is a free, one-week summer program that prepares Washington state students for a bright future in engineering! We welcome and encourage students from underrepresented backgrounds ...
<https://www.engr.washington.edu/about/k12/engineering-academy>
Grades: 10,11 State: WA
Program date: July 22-26,2024
Due date: Apr 30,2024
Fees: Free

Summer Program
Engineering
Weber State University : Parent Daughter Engineering Night
Parent-Daughter Engineering & Technology Night Out is designed for 7-12th-grade girls and their parents or favorite adult to engage in fun problem-solving activities. This engaging family opportunity...
<https://www.weber.edu/engineeringday/default.html>
Grades: 9,10,11 State: UT
Program date: 45566
Due date: Aug 2024
Fees: \$10

Summer Program
Engineering : Mechanical Engineering : Chemical Engineering : Aerospace Engg
University of Oklahoma : Boeing Engineering Days
For many high school juniors and seniors, studying engineering in college is a scary thought. Our day camps work to change that fear into excitement for engineering through exciting projects and dynam...
<https://www.ou.edu/coe/explore/k-12-outreach/engineering-days>
Grades: 10,11 State: OK
Program date: June 1-29,2024
Due date: May 3,2024
Fees: \$25/day or \$100 for 4+

Summer Program
Engineering
Elmhurst University : STEM Academy
This 10-day (Monday-Friday) online program provides an exceptional opportunity for high school students entering their junior or senior years to expand their horizons, develop their skills and experie...
<https://www.elmhurst.edu/landing/stem-academy/>
Grades: 9,10,11 State: IL
Program date: July 15-26,2024
Due date: May 2024
Fees: \$50

Summer Program
Engineering
Univ. of Minnesota : Discover STEM
Wondering which careers in science, technology, engineering, or mathematics (STEM) will allow you to discover your passions and assure you of an exciting job almost anywhere in the world? Join in a we...
<https://cse.umn.edu/college/discover-stem>
Grades: 10,11 State: MN
Program date: July 24-28,July 31-Aug 4,Aug 7-11,2024
Due date: Apr 21,2024
Fees: \$100

Summer Program
Engineering
Arizona State Univ : STEAMPunk Machine in Motion
Board your airships and jettison the ballast! Join in the fight to save a dystopian realm and create beautiful and imaginative kinetic sculptures that tell your heroes tale. In this immersive week-long...
<https://eoss.asu.edu/access/programs/summer/search>
Grades: 9,10,11 State: AZ
Program date: Jun 10 - Jun 14,2024
Due date: June 15, 2024
Fees: \$100

Summer Program
Engineering : Engineering
University of Texas-Austin : My Introduction to Engineering (MITE)
The Equal Opportunity in Engineering Program, along with members of the student groups Pi Sigma Pi Academic Engineering Society, National Society of Black Engineers and Society of Hispanic Professo...
<https://cockrell.utexas.edu/connect/k-12-outreach/mite>
Grades: 9,10,11 State: TX
Program date: June 23-27,July 7-11,2024
Due date: Apr 14,2024
Fees: \$100

Summer Program
Materials Engineering/Science
Purdue : Credit Fun Sized Courses - You Can't Make It Without Materials
Everything we use is made of materials. From the simplest tools to complicated systems like aircraft and semiconductor chips, the products and devices you use are all made of materials. But why are yo...
<https://www.purdue.edu/summer-high-school/enrollment-options/fun.php>
Grades: 10,11,12 State: IN
Program date: June 16-21,2024
Due date: June 2024
Fees: \$100

Summer Program
Engineering
Florida Agricultural and Mechanical Univ : School of Architecture Engineering Technology Summer Camp
Florida Agricultural and Mechanical University's (FAMU's) Division of Engineering Technology is offering this summer program to demonstrate outstanding commitment to engagement of underserved minority...
<https://www.famu.edu/academics/continuing-education-and-professional-development/summer-camps.php>
Grades: 9,10,11 State: FL
Program date: June 17-21,2024
Due date: June 21,2024
Fees: \$150

Summer Program
Engineering
Florida Agricultural and Mechanical Univ : SAET Summer Camp Excellence
FAMU School of Architecture and Engineering Technology (SAET) is providing this summer program to engage minority students in learning experiences, and gauge and increase their interest in the areas o...
<https://www.famu.edu/academics/continuing-education-and-professional-development/summer-camps.php>
Grades: 9,10,11 State: FL
Program date: June 17-21,2024
Due date: June 21,2024
Fees: \$150

Summer Program
Engineering
New Jersey National Guard : Steam Camp
In previous years, we would have a full day dedicated to STEAM (Science, Technology, Engineering, Art, and Math). This year, we will be joining forces with the Recruiting and Retention Office at Sea G...
<https://www.nj.gov/military/support/family-programs/programs-services/youthprograms/camp.shtml>
Grades: 9,10,11 State: NJ
Program date: July 7-13,2024
Due date: May 2024
Fees: \$175

Summer Program
Engineering
Rowan University : Attracting Women into Engineering (AWE)
WE is designed to introduce middle school girls to the broad field of engineering. The Henry M. Rowan College of Engineering invites current middle school girls, those currently in 6th, 7th, and 8th g...
https://engineering.rowan.edu/deans_office/k-12awe/index.html
Grades: 9 State: NJ
Program date: July 8-11,2024
Due date: May 2024
Fees: \$180

Summer Program
Engineering
Rowan University : Rowan Introduction for Students to Engineering (RISE)
Rowans Introduction for Students to Engineering (RISE) is a three-day, non-residential workshop experience that features laboratory clinics, exciting engineering activities, campus & industry tours, a...
https://engineering.rowan.edu/deans_office/k-12rise/rise.html
Grades: 9,10,11,12 State: NJ
Program date: July 23-25,2024
Due date: May 2024
Fees: \$200 Include Lunch/Snacks

Summer Program
Aerospace Engg
Governor School for Science & Mathematics Foundation : Virtual Physics for Virtual Worlds
What does physics have to do with animation and virtual reality? How does the computer know whether you scored in your basketball video game? Computer programs with objects that push, pull, and run in...
<https://www.scgssm.org/summer-camps/summer-stem-virtual-camp>
Grades: 9,10,11 State: SC
Program date: June 17-21, June 24-28,2024
Due date: May 15,2024
Fees: \$200

Summer Program
Engineering
Governor School for Science & Mathematics Foundation : Engineering Around Town
Do you like to design cool things? Do you want to change the world? Discover the engineer within you by using online software, doing hands-on activities, and learning about different types of engineer...
<https://www.scgssm.org/summer-camps/summer-stem-virtual-camp>
Grades: 9,10,11 State: SC
Program date: June 17-21, June 24-28,2024
Due date: May 15,2024
Fees: \$200

Summer Program
Engineering
Central Piedmont Community College : Code Breakers
Do you have a camper interested in building their own video game? This camp is an introduction to text-based programming. The computer languages learned make it easier to create graphics-based program...
<https://youth.cpc.edu/camps/>
Grades: 9,10,11 State: NC
Program date: July 8-11,2024
Due date: May 15,2024
Fees: \$235

Summer Program
Engineering
Illinois Institute : Online : Unraveling the Art of Data Science
This program aims to introduce high school students to the fascinating world of data science and analysis, offering foundational skills that are essential for understanding and working with data. Stud...
<https://www.iit.edu/academics/pre-college-programs/summer/online/introduction-offensive-hacking>
Grades: 10,11,12 State: IL
Program date: June 17-21,2024
Due date: May 3,2024
Fees: \$249

Summer Program
Engineering
Illinois Institute : Online - Game Design Through Twine: Interactive Storytelling
Game Design Through Twine: Interactive Storytelling is a summer program that gives students the opportunity to design and create a game through the Twine coding platform. Students will examine "Choose...
<https://www.iit.edu/academics/elevate-college-prep/summer-programs/pre-college-online-summer-programs/dive-game-design-through-twine>
Grades: 10,11,12 State: IL
Program date: June 24-28,2024
Due date: May 3, 2024
Fees: \$249

Summer Program
Engineering
Bowie State University : Girls Who Will :- Girls Only Innovation (RISE)
Girls Who Will (GWW) is a summer program for middle and high school girls that provides innovative technology education to girls in the Washington, DC, Maryland, and Virginia areas. Included Topics a...
<https://www.bowiestate.edu/academics/colleges/college-of-arts-and-sciences/departments/technology-and-security/community-outreach-and-camps/girls-who-will.php>
Grades: 9,10,11,12 State: MD
Program date: June 24-28,2024
Due date: May 3, 2024
Fees: \$250

Summer Program
Engineering
Bowie State University : CSA Summer Camp
Founded by Dr Langdon in the Department of Computer Science at Bowie State University, the CSA Summer Camp first launched in 2018 with 17 participants from middle and high schools around the Bowie reg...
<https://bowiestate.edu/academics/colleges/college-of-arts-and-sciences/departments/technology-and-security/community-outreach-and-camps/csu-camp.php>
Grades: 9,10,11,12 State: MD
Program date: June 24-28,2024
Due date: Apr 19,2024
Fees: \$250

Summer Program
Engineering : Mechanical Engineering : Civil Engg : Electrical Engg
Southern Illinois University : Engineering Summer Camps
The goal of the Engineering summer camps is to introduce various engineering disciplines, computer science and construction management to young, aspiring high-school students through a set of activi...
<http://www.siu.edu/engineering/programs-departments/summer-camps.shtml>
Grades: 9,10,11 State: IL
Program date: June 3 - 7, June 10-14,2024
Due date: May 24,2024
Fees: \$250

Summer Program
Engineering
Kettering University : Computer Engineering Camp
We had 21 high school students participate in the Computer Engineering Summer Camp 1 on campus. The goal was to introduce students to the field of computer engineering though building mobile robots, d...
<https://www.kettering.edu/academics/precollege/Computercamps>
Grades: 9,10,11 State: MI
Program date: June -Aug 2024 - Multiple Camps
Due date: Apr 28,2024
Fees: \$250

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Published 15/04/24



<p>Summer Program <i>Engineering</i></p> <p>Univ. of Wisconsin : Aquatic Robotics</p> <p>Get your feet wet in the world of Aquatic Robotics. Explore the engineering of navigating on and under the water. We will look at the mechanics and the physics that affect propulsion while we build se...</p> <p>https://www.uwgb.edu/camps/aquatic-robotics/</p> <p>Grades: 9 State: WI Program date: June 24-28, August 12-16, 2024 Due date: June 15, 2024 Fees: \$250</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Civil Engg : Electrical Engg</i></p> <p>University of South Alabama : Summer Engineering Academy (SEA)</p> <p>The Summer Engineering Academy (SEA) at the College of Engineering of the University of South Alabama is a great opportunity to discover all engineering fields and get hands-on engineering experience....</p> <p>https://www.southalabama.edu/colleges/engineering/seasummer.html</p> <p>Grades: 9,10,11 State: AL Program date: June 24-28, 2024 Due date: June 10, 2024 Fees: \$300</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Chemical Engineering : Civil Engg : Electrical Engg</i></p> <p>University of Mississippi : Engineering Summer Academy</p> <p>The Engineering Summer Academy program will give participants an in-depth exploration into the world of engineering as a major. Each day, participants will experience life as an engineering major by e...</p> <p>https://www.outreach.olemiss.edu/pre_college/engineering-summer-academy/index.html</p> <p>Grades: 9,10,11 State: MS Program date: June 24-28, 2024 Due date: May 1, 2024 Fees: \$400</p>	<p>Summer Program <i>Engineering</i></p> <p>Georgia Tech : Expanded Learning Programs at CEISM - Code With the Yabboom Smart Robot</p> <p>Students will learn more about coding the digital world by programming their Yabboom robotic pals to sense and respond to stimuli as they accomplish tasks in our physical world. This program is hosted...</p> <p>https://studentprograms.ceismc.gatech.edu/summer-programs/sessions/high-school</p> <p>Grades: 9,10,11,12 State: GA Program date: Jun 3-7, 2024 Due date: May 27, 2024 Fees: \$500</p>
<p>Summer Program <i>Engineering</i></p> <p>Univ of Maryland : Experience Engineering Virtual Summer Program</p> <p>Join us for an exciting new virtual summer experience at the A. James Clark School of Engineering! During the week, you will have an opportunity to explore the interdisciplinary principles of engineer...</p> <p>https://eng.umd.edu/k-12-pre-college/experience-engineering</p> <p>Grades: 10,11 State: MD Program date: Cancelled 2024 Due date: June 1, 2024 Fees: \$250</p>	<p>Summer Program <i>Engineering</i></p> <p>Univ. of Wisconsin : Summer STEAM Experience (Science, Technology, Engineering, Art & Math)</p> <p>Students entering grades 8 to 12 are invited to explore career paths with UW-Stout faculty experts while engaging in science, technology, engineering, art, design, and math in a hands-on setting. Camp...</p> <p>https://www.uwstout.edu/outreach-engagement/community-connections/youth-camps-programs/summer-steam-experience</p> <p>Grades: 9,10,11 State: WI Program date: June 11-15, July 9-13, 2024 Due date: 2024-02-01 Fees: \$325</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Dayton : Summer Engineering - Multi-Ethnic Men in Engineering Camp (M2E)</p> <p>Some of the best components of our camp are Explore and learn about the diverse fields of engineering. Engage with faculty, engineering professionals and UD engineering students. Learn how to use engine...</p> <p>https://udayton.edu/engineering/k-12-programs/see-ud/index.php</p> <p>Grades: 9,10,11 State: OH Program date: June 24-26, 2024 Due date: May 2024 Fees: \$425</p>	<p>Summer Program <i>Engineering</i></p> <p>Georgia Tech : Expanded Learning Programs at CEISM - IEXPERIENCE</p> <p>In this one-week summer program, participants will participate in interactive learning sessions and field trips to learn how Industrial Engineers are currently changing the world and their plans to sh...</p> <p>https://studentprograms.ceismc.gatech.edu/summer-programs/sessions/high-school</p> <p>Grades: 9,10,11,12 State: GA Program date: Jun 10-14, 2024 Due date: June 3, 2024 Fees: \$500</p>
<p>Summer Program <i>Engineering : Mechanical Engineering : Civil Engg : Electrical Engg</i></p> <p>Tennessee State University : Engineering Exploration Camps (EEC)</p> <p>The objective for Engineering Exploration Camps (EEC) is to allow high school students the chance to explore the various disciplines within the College of Engineering at Tennessee State University, i...</p> <p>http://www.tnstate.edu/engineering/precollege.aspx</p> <p>Grades: 12 State: TN Program date: June 9-23, 2024 Due date: May 3, 2024 Fees: \$300</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Mechanical Engineering : Chemical Engineering : Aerospace Engg : Aerospace Engg : Civil Engg : Civil Engg : Civil Engg</i></p> <p>Rutgers University : TARGET: The Academy at Rutgers for Girls in Engineering and Technology</p> <p>TARGET is a summer program designed for middle school and high school students to increase awareness and familiarize them with career opportunities within engineering. The objective of the program is ...</p> <p>https://soe.rutgers.edu/target</p> <p>Grades: 9,10,11 State: NJ Program date: July 8-12, July 15-19, July 22-26, 2024 Due date: June 15, 2024 Fees: \$400</p>	<p>Summer Program <i>Engineering</i></p> <p>Indiana State University : Sycamore Summer Seminars - Engineering Pack-A-Palooza</p> <p>What is packaging? It's the unsung hero that keeps our world moving, protecting everything from your breakfast cereal to the latest tech gadgets. This week, dive into the heart of packaging design and...</p> <p>https://www.indstate.edu/academics/experience/seminars</p> <p>Grades: 9,10,11 State: IN Program date: July 9-15, 2024 Due date: June 2, 2024 Fees: \$425</p>	<p>Summer Program <i>Engineering</i></p> <p>Georgia Tech : Expanded Learning Programs at CEISM - The World of Materials</p> <p>This program designed to introduce high school students to the fascinating world of materials science. This program provides a hands-on and immersive experience, allowing students to explore the princ...</p> <p>https://studentprograms.ceismc.gatech.edu/summer-programs/sessions/high-school</p> <p>Grades: 9,10,11,12 State: GA Program date: Jul 8-12, 2024 Due date: July 1, 2024 Fees: \$500</p>
<p>Summer Program <i>Manufacturing Engg</i></p> <p>South Dakota School of Mines & Technology : Robotics for Beginners</p> <p>Embark on an Unforgettable Journey into Robotics with "Robotics for Beginners Summer Camp!" Are you a high school student eager to unlock the mysteries of robotics and witness the magic of automati...</p> <p>https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp---Robotics-for-Beginners/</p> <p>Grades: 9,10,11 State: SD Program date: July 22 -25, 2024 Due date: May 15, 2024 Fees: \$300</p>	<p>Summer Program <i>Engineering</i></p> <p>Purdue University : Turned Onto Technology And Leadership (TOTAL) Camp</p> <p>Technology is not just a machine or the latest gadget. It is also involves creative thinking, teamwork, hard work and innovation. You will experience new uses and ideas in: Computer graphics, Inform...</p> <p>https://polytechnic.purdue.edu/summer-diversity-camps/total-camp</p> <p>Grades: 9,10 State: IN Program date: June 16-21, 2024 Due date: May 15, 2024 Fees: \$400</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Dayton : Summer Engineering - Co-Ed Engineering Camp (CEC)</p> <p>Some of the best components of our camp are Explore and learn about the diverse fields of engineering. Engage with faculty, engineering professionals and UD engineering students. Learn how to use engine...</p> <p>https://udayton.edu/engineering/k-12-programs/see-ud/index.php</p> <p>Grades: 9,10,11 State: OH Program date: June 24-26, 2024 Due date: May 15, 2024 Fees: \$465</p>	<p>Summer Program <i>Engineering</i></p> <p>Seton Hall University: Pre-College Summer - Introduction to Baseball Analytics</p> <p>Step into the thrilling world where data meets home runs in Baseball Analytics. This dynamic pre-college course introduces participants to the captivating realm of baseball analytics, where numbers tr...</p> <p>https://www.shu.edu/summer/pre-college-summer-courses.html</p> <p>Grades: 10,11,12 State: NJ Program date: July 8-12, 2024 Due date: June 2024 Fees: \$500</p>
<p>Summer Program <i>Engineering</i></p> <p>South Dakota School of Mines & Technology : Residence Camp - STEM Exploration</p> <p>Science - Technology - Engineering - Math! Think you want to be a STEM world changer one day? Then explore the fascinating world of STEM on the SD Mines Campus during summer 2020! Learn and experimen...</p> <p>https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp---STEM-Exploration/</p> <p>Grades: 9,10,11 State: SD Program date: July 15 - 18, 2024 Due date: May 15, 2024 Fees: \$300</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Alabama in Huntsville : Engineering Camps</p> <p>Engineering Summer Camp Students participate in several hands-on activities in a variety of engineering disciplines. These activities are designed around the theme of Design to Manufacturing to give s...</p> <p>https://www.uah.edu/eng/summer-camps</p> <p>Grades: 10,11 State: AL Program date: July 8 - 12, 2024 Due date: Apr 2024 Fees: \$400</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Dayton : Summer Engineering - Women in Engineering Camp (WIE) :- Girls Only</p> <p>Some of the best components of our camp are Explore and learn about the diverse fields of engineering. Engage with faculty, engineering professionals and UD engineering students. Learn how to use engine...</p> <p>https://udayton.edu/engineering/k-12-programs/see-ud/index.php</p> <p>Grades: 9,10,11 State: OH Program date: June 24-26, 2024 Due date: May 15, 2024 Fees: \$465</p>	<p>Summer Program <i>Engineering : Mechanical Engineering</i></p> <p>Manhattan College Summer Program :- Mechanical Engineering Summer Institute</p> <p>This program is designed for high school students who wish to learn about mechanical engineering from engineering students, faculty members, and professionals in the field. Participants will explore o...</p> <p>https://manhattan.edu/academics/schools-and-departments/school-of-engineering/high-school-programs.php</p> <p>Grades: 9,10,11 State: NY Program date: July 8-Aug 23, 2024 Due date: May 14, 2024 Fees: \$500/Week</p>
<p>Summer Program <i>Manufacturing Engg</i></p> <p>South Dakota School of Mines & Technology : Residence Camp - 3D and Beyond!</p> <p>Explore the expanding and ever-changing world of mechanical engineering in this hands-on career camp! Students will spend the week at SD Mines getting hands-on experience with 3D printing and Additiv...</p> <p>https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp---3D-and-Beyond/</p> <p>Grades: 9,10,11 State: SD Program date: July 8-11, 2024 Due date: May 15, 2024 Fees: \$300</p>	<p>Summer Program <i>Engineering : Electrical Engg</i></p> <p>Drexel University : Electrical And Computer Engineering Summer Institute</p> <p>The four-day virtual summer camp on computer programming and hardware gives aspiring engineers the chance to learn about how fundamental disciplines within ECE, such as signal processing, computer ha...</p> <p>https://drexel.edu/engineering/academics/high-school-programs/summer-institutes/ece-summer-institute/</p> <p>Grades: 9,10,11 State: PA Program date: July 22-25, 2024 Due date: June 15, 2024 Fees: \$400</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Dayton : Summer Engineering - Multi-Ethnic Men in Engineering Camp (M2E) :- Girls Only</p> <p>In-person residential Summer Engineering Experiences at the University of Dayton (SEE-UD) are here! Our experiences will expose you to the world of engineering and student life at the University of Da...</p> <p>https://udayton.edu/engineering/k-12-programs/see-ud/index.php</p> <p>Grades: 9,10,11 State: OH Program date: June 24-26, 2024 Due date: May 15, 2024 Fees: \$465</p>	<p>Summer Program <i>Engineering</i></p> <p>Univ. of South Dakota : Governors Camp</p> <p>The USD School of Education offers a week-long summer program for gifted students entering grades 6-9 who want to expand their strengths and make life long friends. We believe each child is gifted in a...</p> <p>https://www.usd.edu/Academics/Colleges-and-Schools/school-of-education/South-Dakota-Governors-Camp</p> <p>Grades: 9 State: SD Program date: July 21 - 26, 2024 Due date: June 1, 2024 Fees: \$555</p>

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<p>Summer Program <i>Engineering</i></p> <p>NJIT : Academy College Courses - Roadmap to Computing (3 Credit)</p> <p>Participants earn NJIT college credits in small, customized classes taught by faculty who have been recognized for their commitment to teaching excellence. Classes meet on Saturdays during the fall an...</p> <p>https://www.njit.edu/precollege/academy-college-courses-high-school-students</p> <p>Grades: 10,11 State: NJ Program date: July 4-Aug 8,2024 Due date: May 13,2024 Fees: \$563/Credit</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Aerospace Engg : Civil Engg</i></p> <p>University Of Nebraska : Big Red Summer Academic Camps - Discover Engineering</p> <p>During this one-week residential summer camp, high school students will learn to leverage the power of engineering and science to solve global grand challenges, as outlined in the report entitled 14 G...</p> <p>https://4h.unl.edu/big-red-camps</p> <p>Grades: 9,10,11 State: NE Program date: June 9-14,2024 Due date: May 20,2024 Fees: \$625</p>	<p>Summer Program <i>Aerospace Engg</i></p> <p>Purdue : Credit Fun Sized Courses - Aerospace and Aeronautical Engineering Experience</p> <p>Aeronautical and astronautical engineers design, develop, test, and supervise the manufacture of aircraft, spacecraft, satellites, and missiles. They work in all technical areas to develop new technol...</p> <p>https://www.purdue.edu/summer-high-school/enrollment-options/fun.php</p> <p>Grades: 10,11,12 State: IN Program date: July 14-19,2024 Due date: June 2024 Fees: \$724</p>	<p>Summer Program <i>Engineering</i></p> <p>Worcester Polytechnic Inst : Commuter Launch - Robotics Engineering</p> <p>Discover the interdisciplinary nature of robotic design and operations. Explore concepts of mechanical and electrical engineering, as well as computer science. You will build a small Arduino-based rob...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/launch/course-information</p> <p>Grades: 10,11 State: MA Program date: June 24 - 28, 2024 Due date: Apr 30,2024 Fees: \$795</p>
<p>Summer Program <i>Engineering</i></p> <p>NJIT : Academy College Courses - Fundamentals of Engg Design (2 Credit)</p> <p>Participants earn NJIT college credits in small, customized classes taught by faculty who have been recognized for their commitment to teaching excellence. Classes meet on Saturdays during the fall an...</p> <p>https://www.njit.edu/precollege/academy-college-courses-high-school-students</p> <p>Grades: 10,11 State: NJ Program date: July 4-Aug 8,2024 Due date: May 13,2024 Fees: \$563/Credit</p>	<p>Summer Program <i>Aerospace Engg</i></p> <p>University of Colorado : Aerospace</p> <p>Sixteen CU Boulder astronaut affiliates have flown on forty space shuttle missions! Join some of the leaders in aerospace technologies in learning about what it takes to be an aerospace engineer. In t...</p> <p>https://www.colorado.edu/sciencediscovery/aerospace-grades-9-12</p> <p>Grades: 9 State: CO Program date: June 10-14,July 8-12,July 22-26,2024 Due date: July 12,2024 Fees: \$625</p>	<p>Summer Program <i>Civil Engg</i></p> <p>Purdue : Credit Fun Sized Courses - Developing Civil Engineering: An Introduction to Civil Engineering</p> <p>Civil engineers design, build, and maintain our infrastructure in a way that accommodates the needs of generations to come. From roadways, tunnels, bridges, and sewers to public transit, power grids,...</p> <p>https://www.purdue.edu/summer-high-school/enrollment-options/fun.php</p> <p>Grades: 10,11,12 State: IN Program date: June 23 - 28, July 7-12,2024 Due date: June 2024 Fees: \$724</p>	<p>Summer Program <i>Aerospace Engg</i></p> <p>Worcester Polytechnic Inst : Commuter Launch - Aerospace Engineering</p> <p>We are excited to share our interactive experience, Launch. Each session is taught by WPI faculty with hands-on projects for students to explore. Check Website for More Details...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/launch/course-information</p> <p>Grades: 10,11 State: MA Program date: June 24 - 28, 2024 Due date: Apr 30,2024 Fees: \$795</p>
<p>Summer Program <i>Engineering</i></p> <p>Boston Leadership Institute : Design & Engineering Academy</p> <p>Students will be introduced to the Engineering Design Process through the design and fabrication of a small scale 3D printed race car. Research on aerodynamics and car design will inform each student...</p> <p>https://www.bostonleadershipinstitute.com/design-and-engineering/</p> <p>Grades: 9,10,11 State: MA Program date: July 15 - 19,July 22 - 26,July 29 - August 2, 2024 Due date: May 15,2024 Fees: \$599</p>	<p>Summer Program <i>Engineering</i></p> <p>University of Arkansas : Engineering Summer Academy</p> <p>The Engineering Summer Academy (ESA) is a one-week residential engineering academy for students who have recently completed 9th, 10th, or 11th grade. This intensive summer academy provides students wi...</p> <p>https://engineering-camps.uark.edu/camps/engineering-summer-academy.php</p> <p>Grades: 9,10,11 State: AR Program date: June 23-29,2024 Due date: May 2024 Fees: \$675</p>	<p>Summer Program <i>Engineering</i></p> <p>Oregon State University : Summer Experience in Science and Engineering for Youth (SESEY)</p> <p>SESEY is an immersive, hands-on summer program in science and engineering at the Oregon State University campus in Corvallis. Students live in university housing and work on projects in real engineer...</p> <p>https://engineering.oregonstate.edu/CBEE/about/k-12-education/summer-experience-and-engineering-youth-sesey</p> <p>Grades: 9,10,11 State: OR Program date: July 14-19,2024 Due date: June 3,3024 Fees: \$749</p>	<p>Summer Program <i>Materials Engineering/Science</i></p> <p>Worcester Polytechnic Inst : Commuter Launch - Materials Science & Engineering</p> <p>Everything is made of materials! This program dives into four types of materials (polymers, ceramics, metals, and composites) using lots of hands-on activities (many involving food)! Once cookies are ...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/launch/course-information</p> <p>Grades: 10,11 State: MA Program date: June 24 - 28, 2024 Due date: Apr 30,2024 Fees: \$795</p>
<p>Summer Program <i>Engineering</i></p> <p>West Virginia Univ : Camp STEM</p> <p>Camp STEM is southern West Virginia premiere camp for high school students interested in science, technology, engineering and math fields. The week-long camp is held on WVU Tech campus in Beckley, Wes...</p> <p>https://camps.wvutec.edu/camp-stem</p> <p>Grades: 9,10,11 State: WV Program date: June 9-14,2024 Due date: May 6,2024 Fees: \$600</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Chemical Engineering : Civil Engg : Electrical Engg</i></p> <p>West Virginia Univ : Engineering Challenge Camps</p> <p>The camps, hosted in the Statter College of Engineering and Mineral Resources, features something for students at virtually every education level. The series features four, week-long camps for high...</p> <p>https://outreach.statter.wvu.edu/k-12-outreach-events/engineering-challenge-camps</p> <p>Grades: 9,10,11 State: WV Program date: June 24 - 28, July 15 - 19, July 29 - 2,2024 Due date: June 1,2024 Fees: \$700</p>	<p>Summer Program <i>Engineering : Materials Engineering/Science</i></p> <p>Drexel University : Materials Science And Engineering Summer Institute</p> <p>The Drexel University Materials Science & Engineering Summer Institute will give rising high school sophomores, juniors and seniors the chance to learn about how atomic elements arrange themselves to ...</p> <p>https://drexel.edu/engineering/academics/high-school-programs/summer-institutes/materials-summer-institute/</p> <p>Grades: 9,10,11 State: PA Program date: July 15-18(I-Person),July 29 - Aug 1 (Virtual), 2024 Due date: June 1,2024 Fees: \$750</p>	<p>Summer Program <i>Engineering</i></p> <p>Stony Brook : Engineering Summer Program</p> <p>The goal of this one-week program is to introduce students to electrical engineering and also to computer programming. No background in programming, physics, or advanced mathematics is necessary. Stu...</p> <p>https://www.stonybrook.edu/commcms/istem/students/grades_5-12/summer/engineering.php</p> <p>Grades: 9,10,11 State: NY Program date: July 29-Aug 2,2024 Due date: May1,2024 Fees: \$800</p>
<p>Summer Program <i>Engineering</i></p> <p>Louisiana State University : Halliburton eXploration Camp - Girls Only :- Girls Only</p> <p>The Halliburton eXploration Camp for Inspiring Tomorrow Engineers, or XCITE, is for female students in grades 9-11. It gives participants the chance to express their creativity and explore multiple en...</p> <p>https://www.lsu.edu/eng/future/summer-camps/index.php</p> <p>Grades: 9,10,11 State: LA Program date: July 14 - July 20, 2024 Due date: May 15,2024 Fees: \$600</p>	<p>Summer Program <i>Mechanical Engineering</i></p> <p>Hofstra Univ : Mechanical and Automotive Institute: Introduction</p> <p>n this course, students gain an understanding of how a car engine works. Using Nassau BOCES' state-of-the-art automotive facilities, students learn the safe and proper use of equipment and maintenance...</p> <p>https://www.hofstra.edu/academics/ce/summer-camp/specialty_auto.html</p> <p>Grades: 9,10,11 State: NY Program date: July 1-12,2024 Due date: June 2024 Fees: \$700</p>	<p>Summer Program <i>Engineering</i></p> <p>Alfred University : Academic Camps - Introduction to 3D Printing for Metal Casting</p> <p>Students will learn the basics of 3D printing and scanning. Transform designs into physical reality through 3-D Printing. You'll build a foundation in 3D modeling, starting from your initial sketch...</p> <p>https://www.alfred.edu/about/arts-at-alfred/alfred-summer-arts/high-school-institutes/introduction-to-3d-printing-for-metal-casting.cfm</p> <p>Grades: 10,11 State: NY Program date: July 22-26,2024 Due date: May 15,2024 Fees: \$790</p>	<p>Summer Program <i>Engineering</i></p> <p>Governor School for Science & Mathematics Foundation : GoSciTech - Engineering a Better Tomorrow</p> <p>What does social media have to do with engineering? Who decides what merchandise we can see and purchase in a store? People buy all sorts of products, and those products were all designed and engineer...</p> <p>https://www.scgssm.org/summer-camps/gositech-residential-camp</p> <p>Grades: 9,10,11 State: SC Program date: June 16-21,June 23-28,July 7-12,2024 Due date: May 15,2024 Fees: \$830</p>
<p>Summer Program <i>Engineering</i></p> <p>Louisiana State University : REHAMS Engineering</p> <p>The Recruiting Into Engineering High-Ability Multicultural Students (REHAMS) camp is for 10th-12th grade male and female students from all backgrounds to learn about various disciplines of engineering...</p> <p>https://precollege.lsu.edu/courses</p> <p>Grades: 9,10,11 State: LA Program date: June 23 - June 29, 2024 Due date: May 15,2024 Fees: \$700</p>	<p>Summer Program <i>Engineering</i></p> <p>Purdue : Credit Fun Sized Courses - Data Science and STEM</p> <p>From tracking activity on a wearable device to ensuring the accuracy of sports statistics, data is everywhere. The world is in need of scientists to help analyze, manipulate and act on this data. This...</p> <p>https://www.purdue.edu/summer-high-school/enrollment-options/fun.php</p> <p>Grades: 10,11,12 State: IN Program date: July 14-19,July 21-26,2024 Due date: June 2024 Fees: \$724</p>	<p>Summer Program <i>Engineering : Electrical Engg</i></p> <p>Worcester Polytechnic Inst : Commuter Launch - Electrical and Computer Engineering</p> <p>Circuits, circuits, circuits! Everything that uses electricity from your smart phone to electric cars and robots relies on the concept of a simple circuit in order to function. In this beginning ele...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/launch/course-information</p> <p>Grades: 10,11 State: MA Program date: June 24 - 28, 2024 Due date: Apr 30,2024 Fees: \$795</p>	<p>Summer Program <i>Engineering</i></p> <p>Susquehanna University : i-Engineer program</p> <p>Think analytically and look beyond the obvious while deepening your understanding of astronomy, physics, math and team-building psychology. You'll work on a variety of practical and interactive act...</p> <p>https://www.susqu.edu/academics/summer-pre-college-programs/i-engineer/</p> <p>Grades: 9,10,11 State: PA Program date: July 14-20, 2024 Due date: July 1,2024 Fees: \$875</p>

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List of High School Students upcoming Summer programs/Internship

Published 15/04/24



<p>Summer Program <i>Engineering</i> Purdue : PREFACE</p> <p>PREFACE is a residential summer workshop for students who are headed into their sophomore or junior year of high school. During this program, participants will live on Purdue University campus and learn...</p> <p>https://www.purdue.edu/mep/Pre-College-Programs/PREFACE.html</p> <p>Grades: 9,10,11,12 State: IN Program date: June 23-28,2024 Due date: Apr 22,2024 Fees: \$900</p>	<p>Summer Program <i>Electrical Engg</i> Milwaukee School of Engg. : Focus Summer Programs : Electrical Engineering</p> <p>Focus on the Possibilities is for high school students who are focused in on a particular major for their college education. Students come to spend a week at MSOE to focus on the interests that matter...</p> <p>https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/focus/</p> <p>Grades: 9,10,11 State: WI Program date: July 28-Aug 2,2024 Due date: May 15,2024 Fees: \$950</p>	<p>Summer Program <i>Engineering</i> Miami University : Summer Scholars Program - Genetic Engineering in Society</p> <p>The Summer Scholars Program provides a rich, early college experience for academically-talented rising high school juniors and seniors from across the globe. Students will join an engaged community of...</p> <p>https://miamioh.edu/visit-miami/summer-scholars/index.html</p> <p>Grades: 10,11 State: OH Program date: July 14-19,2024 Due date: Mar 5,2024 Fees: \$1,080</p>	<p>Summer Program <i>Engineering</i> Seton Hall University : Giant Leap Summer Science Program -Robotics</p> <p>High school students have an opportunity to gain basic and advanced hands-on experience to prepare for the world of science research. Discover your potential in Astronomy, Mechanics, Electronics and R...</p> <p>https://www.shu.edu/summer/giant-leap.html</p> <p>Grades: 10,11 State: NJ Program date: July 8-12,2024 Due date: June 2024 Fees: \$1200</p>
<p>Summer Program <i>Engineering</i> Lehigh University : Summer Engineering Institute</p> <p>Lehigh University's 2024 Summer Engineering Institute (SEI) consists of 2 two-week summer programs of intensive classroom study and research for talented, rising high school juniors and seniors from u...</p> <p>https://engineering.lehigh.edu/about/engineering-outreach/sei/about-sei</p> <p>Grades: 10,11 State: PA Program date: June 30-July 13,July 14-27,2024 Due date: May 1,2024 Fees: \$905</p>	<p>Summer Program <i>Engineering</i> Michigan State University : Lady Spartans Summer Camp</p> <p>Students will engage in group projects and learn about the various disciplines of engineering. Students will tour some of MSU's top labs and facilities and meet women role models for your future profe...</p> <p>https://engineering.msu.edu/about/inclusion-diversity/women-in-engineering/k-12-students</p> <p>Grades: 12 State: MI Program date: July 14-18 2024 Due date: June 14,2024 Fees: \$975</p>	<p>Summer Program <i>Engineering</i> Alfred University : Academic Camps - School of Engineering</p> <p>Come experience our maker culture for yourself and learn about our unique, one of a kind engineering programs. Torch test ceramics made for hypersonics and space flight, melt glass, explore our suite ...</p> <p>https://www.alfred.edu/about/arts-at-alfred/alfred-summer-arts/high-school-institutes/school-of-engineering.cfm</p> <p>Grades: 10,11 State: NY Program date: July 8-12,July 15-19,2024 Due date: May 15,2024 Fees: \$1,080</p>	<p>Summer Program <i>Engineering</i> Clemson University : General Engineering</p> <p>Engineering disciplines offered by Clemson University are presented and described. A STEM kit is mailed to each participant's address to assist with hands-on activities that introduces an analytical a...</p> <p>https://www.clemson.edu/summer/summer-scholars/classes/general-engineering-high.html</p> <p>Grades: 9,10,11 State: SC Program date: June 23-28,2024 Due date: June 15, 2024 Fees: \$1,200</p>
<p>Summer Program <i>Engineering</i> Milwaukee School of Engg. : Women in Engineering :- Girls Only</p> <p>This week-long residential camp will give girls entering 10th through 12th grades an opportunity to explore 10 different engineering disciplines. The disciplines explored consist of computer science, ...</p> <p>https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/women-technology/</p> <p>Grades: 9,10,11 State: WI Program date: June 23-28,2024 Due date: May 15,2024 Fees: \$950</p>	<p>Summer Program <i>Engineering</i> Univ of Rochester : Half Day Program - Introduction to Engineering</p> <p>Through stimulating lectures, interactive labs, and informative field trips, this class introduces you to the many disciplines of engineering. You will get an overview of the necessary tools for analyzing...</p> <p>https://admissions.rochester.edu/pre-college/programs/all-programs/#half-day-programs</p> <p>Grades: 9,10,11,12 State: NY Program date: July 8-19, 2024 Due date: May 1,2024 Fees: \$1,000</p>	<p>Summer Program <i>Engineering</i> Michigan State University : Summer Bridge Engineering Program</p> <p>Intended for rising high school seniors seriously considering engineering as their career choice, this residential program is designed to give in-depth experiences in engineering majors. Each day stud...</p> <p>https://engineering.msu.edu/academics/k-12-resources/summer-programs</p> <p>Grades: 11 State: MI Program date: July 15 – 19, 2024 Due date: July 2,2024 Fees: \$1,160</p>	<p>Summer Program <i>Engineering</i> Clemson University : Audio Engineering and Music Production</p> <p>Ever wonder how a recording studio works? Got a song you've always wanted to record, but don't know where to start? Audio Production Bootcamp is an intensive one-week introduction to the world of music...</p> <p>https://www.clemson.edu/summer/summer-scholars/classes/audio-engineering-music-production.html</p> <p>Grades: 9,10,11 State: SC Program date: July 7-12,July 14-19,2024 Due date: June 15, 2024 Fees: \$1,200</p>
<p>Summer Program <i>Mechanical Engineering : Civil Engg : Electrical Engg</i> Milwaukee School of Engg. : Explore Summer Programs</p> <p>Explore camps are an opportunity for students to spend the week rotating through half-day programs to learn about each of MSOE's engineering and business majors and determine which interests them the m...</p> <p>https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/explore/</p> <p>Grades: 9,10,11 State: WI Program date: June 23-28,July 28-Aug 2,2024 Due date: May 15,2024 Fees: \$950</p>	<p>Summer Program <i>Aerospace Engg</i> Embry-Riddle Aeronautical University : Aerospace Career Exploration Camp</p> <p>Aerospace Career Exploration is an in-depth and exciting way for students, ages 12-18, with an interest in aviation and aerospace to explore the fast-paced world of both industries. This program allow...</p> <p>https://summercamps.erau.edu/camps/aerospace-career-exploration-camp</p> <p>Grades: 9,10,11 State: FL Program date: June 9-Aug 2,2024 - Multiple Sessions Due date: May 15,2024 Fees: \$1,000</p>	<p>Summer Program <i>Engineering</i> Michigan State University : Computer Science and Engineering, DAPCEP</p> <p>This residential summer program presents a great opportunity to prospective engineering students interested in the field of Computer Science and Engineering. During the program, students will learn co...</p> <p>https://engineering.msu.edu/academics/k-12-resources/summer-programs</p> <p>Grades: 12 State: MI Program date: July 22 – 26, 2024 Due date: July 2,2024 Fees: \$1,160</p>	<p>Summer Program <i>Engineering</i> Clemson University : Bioengineering</p> <p>This week-long course explores how bioengineers use engineering and scientific principles to solve problems related to our health and well-being. Become familiar with working principles of the design ...</p> <p>https://www.clemson.edu/summer/summer-scholars/classes/bioengineering.html</p> <p>Grades: 9,10,11 State: SC Program date: June 9-14,July 7-12,2024 Due date: June 15, 2024 Fees: \$1,200</p>
<p>Summer Program <i>Engineering : Chemical Engineering</i> Milwaukee School of Engg. : Focus Summer Programs : Chemical and Biomolecular Engineering</p> <p>Focus on the Possibilities is for high school students who are focused in on a particular major for their college education. Students come to spend a week at MSOE to focus on the interests that matter...</p> <p>https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/focus/</p> <p>Grades: 9,10,11 State: WI Program date: June 23-28,2024 Due date: May 15,2024 Fees: \$950</p>	<p>Summer Program <i>Engineering</i> Tennessee State University : Engineering Summer Bridge (E.S.B.)</p> <p>For Incoming Freshman in College of Engineering only. Ten Week non-residential Program...</p> <p>https://www.tnstate.edu/engineering/precollege.aspx</p> <p>Grades: 12 State: TN Program date: May 28-Aug 2,2024 Due date: Apr 19,2024 Fees: \$1,000</p>	<p>Summer Program <i>Mechanical Engineering</i> Seton Hall University : Giant Leap Summer Science Program -Mechanics</p> <p>High school students have an opportunity to gain basic and advanced hands-on experience to prepare for the world of science research. Discover your potential in Astronomy, Mechanics, Electronics and R...</p> <p>https://www.shu.edu/summer/giant-leap.html</p> <p>Grades: 10,11 State: NJ Program date: July 22-26,2024 Due date: June 2024 Fees: \$1200</p>	<p>Summer Program <i>Mechanical Engineering</i> Clemson University : Mechanical Engineering</p> <p>Mechanical engineering covers an exceptionally broad range of topics and graduates from this major are recruited into a wide variety of industries. In this introductory course, students will learn ab...</p> <p>https://www.clemson.edu/summer/summer-scholars/classes/mechanical-engineering.html</p> <p>Grades: 9,10,11 State: SC Program date: July 21-26,2024 Due date: June 15, 2024 Fees: \$1,200</p>
<p>Summer Program <i>Mechanical Engineering</i> Milwaukee School of Engg. : Focus Summer Programs : Mechanical Engineering</p> <p>Focus on the Possibilities is for high school students who are focused in on a particular major for their college education. Students come to spend a week at MSOE to focus on the interests that matter...</p> <p>https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/focus/</p> <p>Grades: 9,10,11 State: WI Program date: June 23-28,July 21-26,2024 Due date: May 15,2024 Fees: \$950</p>	<p>Summer Program <i>Engineering</i> Michigan State University : High School Engineering Institute (HSEI)</p> <p>The HSHSP is the oldest, continuously running program of its kind in the U.S., having been established in 1958 as a hands-on science enrichment program for local high school students and, over time, d...</p> <p>https://manhattan.edu</p> <p>Grades: 9,10,11 State: MI Program date: June 23-27,July 7-11, 2024 Due date: June 17,2024 Fees: \$1,048</p>	<p>Summer Program <i>Engineering</i> Seton Hall University : Giant Leap Summer Science Program -Electronics</p> <p>High school students have an opportunity to gain basic and advanced hands-on experience to prepare for the world of science research. Discover your potential in Astronomy, Mechanics, Electronics and R...</p> <p>https://www.shu.edu/summer/giant-leap.html</p> <p>Grades: 10,11 State: NJ Program date: July 8-12,2024 Due date: June 2024 Fees: \$1200</p>	<p>Summer Program <i>Engineering</i> Global Online Academy : Problem Solving with Engineering & Design</p> <p>This course investigates various topics in science, technology, engineering, and mathematics using a series of projects and problems that are both meaningful and relevant to the students' lives. Stude...</p> <p>https://globalonlineacademy.org/student-program/student-courses/problem-solving-with-engineering-design</p> <p>Grades: 9,10,11 State: WA Program date: June 17-Aug 2,2024 Due date: May 15,2024 Fees: \$1,200</p>

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<p>Summer Program <i>Engineering</i> Clarkson University : Young Scholars Program</p> <p>Consistent with Clarkson overall focus on interdisciplinary education, you will be given a problem to examine and solve from multiple perspectives including technical feasibility, the implications of ...</p> <p>https://www.clarkson.edu/young-scholars</p> <p>Grades: 9,10,11 State: NY Program date: July 7-13,2024 Due date: May 1,2024 Fees: \$1,250</p>	<p>Summer Program <i>Engineering</i> Univ of Michigan : miRcore - Biotechnology Camp</p> <p>This camp combines wet lab experiments with computational work using UM high-performing Linux-clusters to expose high school students to current nucleotide biotechnology (qRT-PCR, microarray, next-gen...)</p> <p>https://www.mircore.org/2024-bis-camp/</p> <p>Grades: 10,11 State: MI Program date: July 29 – August 2, 2024 Due date: June 2024 Fees: \$1,430</p>	<p>Summer Program <i>Chemical Engineering</i> Illinois Institute : Chicago Residential Summer - Fast Cars, Cleaner Energy</p> <p>Chemical engineers are on the forefront of renewable energy technology development. Among the most exciting is fuel cells and the hydrogen economy. Over the course of the program week, students will p...</p> <p>https://www.iit.edu/academics/elevate-college-prep/summer/residential/fast-cars-cleaner-energy</p> <p>Grades: 9,10,11,12 State: IL Program date: July 29-Aug 2,2024 Due date: May 3,2024 Fees: \$1,500</p>	<p>Summer Program <i>Aerospace Engg</i> Embry-Riddle Aeronautical University : Aerospace Engineering</p> <p>This intensive, five-day program will teach the fundamentals of aerospace engineering and the science of flight through hands-on labs and challenges. Classes include aerodynamics and flight mechanics...</p> <p>https://summercamps.erau.edu/camps/aerospace-engineering</p> <p>Grades: 9,10,11 State: AZ Program date: June 2-7, 2024 Due date: May 15,2024 Fees: \$1,700</p>
<p>Summer Program <i>Engineering : Mechanical Engineering : Civil Engg : Electrical Engg</i> Bucknell University : Engineering Camp</p> <p>Explore engineering and kick-start your college experience by experimenting in real research labs with Bucknell world-class faculty. Engineering Camp is an academically challenging, hands-on introduct...</p> <p>https://www.bucknell.edu/meet-bucknell/plan-visit/camps-conferences-visit-programs/engineering-camp</p> <p>Grades: 9,10,11 State: PA Program date: June 23-28,2024 Due date: May 1,2024 Fees: \$1,250</p>	<p>Summer Program <i>Engineering</i> miRcore - Camp for R Programming : ONLINE</p> <p>This camp provides statistical methods in the context of disease research. It is for current (2016-17) high school and exceptional 8th grade students (young women and men) who want to learn computer p...</p> <p>https://www.mircore.org/2024-r-camp/</p> <p>Grades: 9,10,11 State: MI Program date: July 8 – July 12, 2024 Due date: June 2024 Fees: \$1,430</p>	<p>Summer Program <i>Materials Engineering/Science</i> Univ of California - Irvine : Summer Bridge - Principles of Materials Science and Engineering : ONLINE</p> <p>Superconductors to biodegradable polymers. Structure and properties of materials, including metal, ceramics, polymers, semiconductors, composites, traditional materials. Atomic structure, bonding, def...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 30,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Engineering</i> Boston Leadership Institute : Biomedical Engineering</p> <p>The Biomedical and Surgical Research program brings anatomy to life through discussion and practice of surgical procedures. From case studies to lectures to mock surgical procedures, students spend th...</p> <p>https://www.bostonleadershipinstitute.com/biomedical-engineering/</p> <p>Grades: 9,10,11 State: MA Program date: June 24 – July 12, July 15– Aug , 2024 Due date: May 15,2024 Fees: \$1,797</p>
<p>Summer Program <i>Engineering</i> Louisiana State University : Fundamentals of Sound Engineering</p> <p>Have you ever heard an awesome soundtrack in a movie or game and wondered how those exciting sounds were created? If so, then this is the course for you. You'll learn how to use industry recording sof...</p> <p>https://precollege.lsu.edu/courses</p> <p>Grades: 9,10,11 State: LA Program date: July 15–26, 2024 Due date: May 15,2024 Fees: \$1,250</p>	<p>Summer Program <i>Engineering</i> Scripts Institute : miRcore-Computational Biology Camp</p> <p>This camp is for academically motivated young women and men interested in computer, math, science, and medicine. The camp will focus on the role of genomics in diseases and symptoms and guide students...</p> <p>https://www.mircore.org/2022-summer-camps/</p> <p>Grades: 9,10,11,12 State: MI Program date: July 22-26,2024 Due date: June 2024 Fees: \$1,430</p>	<p>Summer Program <i>Engineering</i> Univ of California - Irvine : Summer Bridge - Engineering Innovations in Treating Diabetes : ONLINE</p> <p>Innovations in diabetes treatment from the 1800s until the present: purification of insulin, measuring and control of blood glucose, recombinant DNA, clinical trials, and ethics. Solving optimization ...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 1,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Industrial Engg.</i> Drexel University : Industrial Design & Making</p> <p>Come explore the areas of Industrial Design and Making at Drexel University. This two-week in-person computer workshop will expose you to a range of possibilities within digital design including 3D pr...</p> <p>https://drexel.edu/website/academics/pre-college-programs/product-design/</p> <p>Grades: 9,10,11 State: PA Program date: July 15 - 26, 2024 Due date: June 2024 Fees: \$1,800</p>
<p>Summer Program <i>Engineering</i> Tufts University : Pre-College Programs -Coding Bootcamp - BD</p> <p>students have the opportunity to build their own course schedule from our extensive list of lecture courses, with something for every student! Students may choose from courses offered in departments l...</p> <p>https://universitycollege.tufts.edu/high-school/programs/courses-high-schoolers</p> <p>Grades: 10,11 State: MA Program date: July 1 - August 9, 2024 Due date: May 1, 2024 Fees: \$1,300</p>	<p>Summer Program <i>Engineering</i> Univ of Rochester : Online Program - Introduction to Computer Science</p> <p>Hands-on introduction to programming using the Java programming language. Teaches fundamentals of programming and more advanced topics. Emphasizes algorithmic thinking and computational problem solvin...</p> <p>https://enrollment.rochester.edu/precollege/non-credit-courses/</p> <p>Grades: 9,10,11,12 State: NY Program date: May 20-June 28,2024 Due date: May 20,2024 Fees: \$1,500</p>	<p>Summer Program <i>Engineering</i> Univ of California - Irvine : Summer Bridge - Engineering Probability</p> <p>Sets and set operations; nature of probability, sample spaces; fields of events; probability measures; conditional probability, independence, random variables, distribution functions, density function...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 1,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Engineering : Aerospace Engg</i> Rensselaer Polytechnic Institute : Aerospace Engg Summer Program</p> <p>Explore the field of aerospace engineering, tour RPI's top-tier research labs and learn how experimental data is collected by running wind tunnel tests. Participants will apply their new aerodynamic an...</p> <p>https://summer.rpi.edu/programs/aerospace-engineering</p> <p>Grades: 9,10,11 State: NY Program date: July 8-12,2024 Due date: May 1, 2024 Fees: \$2,000</p>
<p>Summer Program <i>Engineering</i> Univ of Maryland : Discovering Engineering</p> <p>During the week, you will have an opportunity to explore engineering at the Clark School by visiting all eight of our engineering departments! You will participate in a variety of activities includin...</p> <p>https://eng.umd.edu/k-12-pre-college/discovering-engineering</p> <p>Grades: 10,11 State: MD Program date: July 28-Aug 2,2024 Due date: Apr 30,2024 Fees: \$1,300</p>	<p>Summer Program <i>Engineering</i> Kettering University : Lives Improve Through Engineering & Science(LITES)</p> <p>LITES (Lives Improve Through Engineering & Science) is a two-week program created by Kettering University. LITES introduces young women who will complete 11th grade by July 1, 2020 to what engineers a...</p> <p>https://www.kettering.edu/academics/precollege/LITES</p> <p>Grades: 11 State: MI Program date: July 15-26,2024 Due date: June 3,2024 Fees: \$1,500</p>	<p>Summer Program <i>Engineering</i> Univ of California - Irvine : Summer Bridge - Introduction to Engineering Computations</p> <p>Introduction to the solution of engineering problems through the use of the computer. Elementary programming, numerical analysis, and data visualization with a high-level programming language such as ...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Aug 5-Sept 11,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Engineering : Aerospace Engg</i> Univ. of Connecticut : Pre-College -Biomedical Engineering</p> <p>This course is a hands-on one-week program specifically designed for high-school students to demystify esoteric ideas and concepts in biomedical engineering. It is intended to get students interested ...</p> <p>https://precollege-summer.uconn.edu/courses/biomedical-engineering/</p> <p>Grades: 9,10,11 State: CT Program date: July 7-13, July 14-20,2024 Due date: June 2024 Fees: \$2,050</p>
<p>Summer Program <i>Engineering</i> Univ of Maryland : Discovering Engineering - : Girls Only</p> <p>During the week, you will have an opportunity to explore Maryland Engineering! You will participate in a variety of activities including laboratory work and demonstrations, lectures, discussions, com...</p> <p>https://eng.umd.edu/k-12-pre-college/discovering-engineering</p> <p>Grades: 10,11 State: MD Program date: Aug 4-9,2024 Due date: Apr 30,2024 Fees: \$1,300</p>	<p>Summer Program <i>Engineering</i> Louisiana State University : Advanced Engineering</p> <p>In partnership with the LSU College of Engineering, Advanced Engineering is for high school students who have already attended an engineering summer camp. This camp features more advanced hands-on act...</p> <p>https://precollege.lsu.edu/courses</p> <p>Grades: 9,10,11 State: LA Program date: July 15–26, 2024 Due date: May 15,2024 Fees: \$1,500</p>	<p>Summer Program <i>Engineering : Electrical Engg</i> Embry-Riddle Aeronautical University : Computer, Electrical & Software Engineering - Arduino</p> <p>This hands-on experience provides students the ability to learn about software, hardware, and applying the Arduino. Each student will be tasked with programming an Arduino Microcontroller, and testing...</p> <p>https://summercamps.erau.edu/camps/computer-electrical-software-engineering-arduino</p> <p>Grades: 9,10,11,12 State: AZ Program date: July 21-26,2024 Due date: May 15,2024 Fees: \$1,700</p>	<p>Summer Program <i>Engineering</i> NYU : Machine Learning</p> <p>NYUs Tandon Summer Program in Machine Learning is a two-week, full-day summer program to introduce high school students to the computer science, data analyses, mathematical techniques and logic that d...</p> <p>https://engineering.nyu.edu/academics/programs/k12-stem-education/machine-learning-ml</p> <p>Grades: 9,10,11 State: NY Program date: June 17-28, July 8-19, July 29-Aug 9,2024 Due date: Apr 20,2024 Fees: \$2,100</p>

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Explore the BIGGEST DATABASE OF PROGRAMS TO ENRICH YOUR CAREER PATH

List of High School Students upcoming Summer programs/Internship

Published 15/04/24



<p>Summer Program <i>Engineering : Mechanical Engineering : Electrical Engg</i></p> <p>Boston Leadership Institute : Engineering Research</p> <p>Thinking about a career in Engineering? Employ electrical engineering, mechanical engineering, and computer programming in challenging hands-on projects. One team project involves using Arduino to pro...</p> <p>https://www.bostonleadershipinstitute.com/engineering-research/</p> <p>Grades: 9,10,11 State: MA Program date: July 15-August 2, 2024 Due date: May 15,2024 Fees: \$2,200</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Aerospace Engg : Civil Engg : Electrical Engg</i></p> <p>Univ. of San Diego : TRYEngineering – Summer Institute</p> <p>TryEngineering Summer Institute gives teens the opportunity to explore a variety of engineering disciplines in a fun, hands-on way. The program is ideal for students who are considering a degree or ca...</p> <p>https://tryengineeringinstitute.ieee.org/engineering-camp/california-engineering-usd/</p> <p>Grades: 9,10,11 State: CA Program date: June 30-July 8, July 11- July 19, 2024 Due date: June 15, 2024 Fees: \$2,395</p>	<p>Summer Program <i>Engineering</i></p> <p>Northwestern University : IoT Engineering with ChatGPT</p> <p>This is a 2 credit equivalent asynchronous Advanced Placement course. Topics include object-oriented program design, the development and selection of algorithms and data structures to solve problem...</p> <p>https://www.ctd.northwestern.edu/courses</p> <p>Grades: 9,10,11 State: IL Program date: July 14 – August 2, 2024 Due date: May 2024 Fees: \$2,660</p>	<p>Summer Program <i>Engineering</i></p> <p>Syracuse Univ : Pre-College -Sound Engineering and Audio Production</p> <p>In this immersive and engaging summer course, high school students will learn the fundamentals of sound engineering and audio production. Topics include, but are not limited to: microphone techniques,...</p> <p>https://precollege.syr.edu/programs-courses/summer-college-residential/summer-college-residential-course-listing/sound-engineering-and-audio-production/</p> <p>Grades: 9,10,11,12 State: NY Program date: July 8 - July 19, 2024 Due date: May 1, 2024 Fees: \$2,999</p>
<p>Summer Program <i>Engineering</i></p> <p>Boston Leadership Institute : Applied Physics & Engineering</p> <p>This hands-on program, designed for high school students who are preparing to take high school Physics or have already completed it, covers critical laws of flight, gravity, and motion, as well as bro...</p> <p>https://www.bostonleadershipinstitute.com/applied-physics-engineering/</p> <p>Grades: 9,10,11 State: MA Program date: July 1-19, 2024 Due date: May 2024 Fees: \$2,200</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Chemical Engineering : Aerospace Engg : Civil Engg : Electrical Engg</i></p> <p>Columbia University : TRYEngineering – Summer Institute</p> <p>TryEngineering Summer Institute gives teens the opportunity to explore a variety of engineering disciplines in a fun, hands-on way. The program is ideal for students who are considering a degree or ca...</p> <p>https://tryengineeringinstitute.ieee.org/engineering-camp/engineering-camp-ny/</p> <p>Grades: 9,10,11 State: TX Program date: July 14-22, July 25-Aug 2, 2024 Due date: June 15, 2024 Fees: \$2,395</p>	<p>Summer Program <i>Engineering</i></p> <p>Northwestern University : Machine Learning Seminar</p> <p>This is a 2 credit equivalent asynchronous Advanced Placement course. Topics include object-oriented program design, the development and selection of algorithms and data structures to solve problem...</p> <p>https://www.ctd.northwestern.edu/courses</p> <p>Grades: 9,10,11 State: IL Program date: June 23 – July 12, 2024 Due date: May 2024 Fees: \$2,660</p>	<p>Summer Program <i>Engineering</i></p> <p>Wake Forest Univ : Summer Immersion Program - Biosciences & Engineering Institute</p> <p>The frontier of science and technology has rarely been as exciting as it is today. Students will have the opportunity to work with esteemed faculty in the Wake Forest science departments, research men...</p> <p>https://immersion.summer.wfu.edu/on-campus-institutes/bioscience/</p> <p>Grades: 9,10,11 State: NC Program date: June 9-14, June 23 – 28, 2024 Due date: May 15, 2024 Fees: \$3,000</p>
<p>Summer Program <i>Engineering</i></p> <p>BlueStamp Engineering - Summer Camp : Remote</p> <p>Our remote summer program enables current and incoming high school students from all over the world to learn and improve their engineering capabilities. Remote students pick their own project from...</p> <p>https://bluestampengineering.com/remote-program/</p> <p>Grades: 9,10,11,12 State: CA Program date: June 10-28, July 1-19, July 22-Aug 9, 2024 Due date: May 2024 Fees: \$2,200</p>	<p>Summer Program <i>Engineering</i></p> <p>Northwestern University : iOS Bootcamp & SwiftUI Development with MobileMakersEdu</p> <p>This is a 2 credit equivalent asynchronous Advanced Placement course. Topics include object-oriented program design, the development and selection of algorithms and data structures to solve problem...</p> <p>https://www.ctd.northwestern.edu/courses</p> <p>Grades: 9,10,11 State: IL Program date: June 23 – July 12, July 14 – August 2, 2024 Due date: May 2024 Fees: \$2,385 (Boarding Addnl)</p>	<p>Summer Program <i>Engineering</i></p> <p>UCLA : PreCollege Summer - Engineering Design Summer Institute</p> <p>Precollege Summer Institutes are designed for advanced high school students who wish to gain academically challenging college-level experience. Experience an introduction to engineering design while...</p> <p>https://www.summer.ucla.edu/institutes/Engineering</p> <p>Grades: 9,10,11,12 State: CA Program date: June 24-July 12, July 15-Aug 2, 2024 Due date: June 21, 2024 Fees: \$2,731</p>	<p>Summer Program <i>Aerospace Engg</i></p> <p>Syracuse Univ : Pre-College -Aerospace Engineering</p> <p>The Summer College Aerospace Engineering pre-college program examines the multiple commercial, industrial, military, and ground-based applications and advancements of the aerospace industry. High scho...</p> <p>https://precollege.syr.edu/programs-courses/summer-college-residential/summer-college-residential-course-listing/aerospace-engineering/</p> <p>Grades: 9,10,11 State: NY Program date: July 8 - July 26, 2024 Due date: May 1, 2024 Fees: \$3,000</p>
<p>Summer Program <i>Engineering</i></p> <p>Hofstra Univ : Summer Camp - STEM Workshop</p> <p>Hofstra University STEM camp will impart knowledge and skills for future careers in science, technology, engineering, and math in an engaging and enjoyable setting. This program will develop various t...</p> <p>https://www.hofstra.edu/academics/ce/summer-camp/specialty_stem_workshop.html</p> <p>Grades: 9,10,11 State: NY Program date: July 1-12, July 29-Aug 9, 2024 Due date: June 2024 Fees: \$2,250</p>	<p>Summer Program <i>Engineering</i></p> <p>UCLA : Application of Nanoscience Summer Institute</p> <p>There are few additions to a college application more valuable than formal research experience, which students can attain by taking part in UCLA's Applications of Nanoscience Summer Institute. Over th...</p> <p>https://summer.ucla.edu/program/applications-of-nanoscience-summer-institute/</p> <p>Grades: 9,10,11,12 State: CA Program date: July 7-20, 2024 Due date: June 1, 2024 Fees: \$2,500</p>	<p>Summer Program <i>Engineering</i></p> <p>World Scholar Academy : World Engineers Academy</p> <p>World Engineers Academy is a two-week course introducing students ages 15-18 to high-level concepts in engineering, and is designed and taught by a world-leading instructor. Whether you are already se...</p> <p>https://www.worldscholarsacademy.com/engineering-courses</p> <p>Grades: 10,11,12 State: Online Program date: July 8-19, 2024 Due date: May 2024 Fees: \$2,795</p>	<p>Summer Program <i>Engineering</i></p> <p>Syracuse Univ : Pre-College -Biomedical Engineering</p> <p>This three-week program introduces high school students to the field of biomedical engineering and the application engineering principles at the interface of biology and medicine. Students will be acq...</p> <p>https://precollege.syr.edu/programs-courses/summer-college-residential/summer-college-residential-course-listing/biomedical-engineering/</p> <p>Grades: 9,10,11,12 State: NY Program date: July 8 - July 25, 2024 Due date: May 1, 2024 Fees: \$3,000</p>
<p>Summer Program <i>Engineering : Mechanical Engineering : Aerospace Engg : Civil Engg : Electrical Engg</i></p> <p>Univ. of Penn : TRYEngineering – Summer Institute</p> <p>TryEngineering Summer Institute gives teens the opportunity to explore a variety of engineering disciplines in a fun, hands-on way. The program is ideal for students who are considering a degree or ca...</p> <p>https://tryengineeringinstitute.ieee.org/engineering-camp/university-of-pennsylvania</p> <p>Grades: 9,10,11 State: PA Program date: July 14- 22, July 25- August 2, 2024 Due date: June 15, 2024 Fees: \$2,395</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Chemical Engineering : Aerospace Engg : Civil Engg : Electrical Engg : Materials Engineering/Science : Industrial Engg.</i></p> <p>Rutgers University : Engineering Summer Academy</p> <p>The Engineering Summer Academy at Rutgers University provides high school students with an introduction to aerospace, biochemical, biomedical, chemical, civil, computer, electrical, environmental, for...</p> <p>https://precollegesummer.rutgers.edu/academies/engineering</p> <p>Grades: 10,11 State: NJ Program date: July 14-20, 2024 Due date: May 1, 2024 Fees: \$2,599</p>	<p>Summer Program <i>Engineering</i></p> <p>Louisiana State University : Introduction to Engineering</p> <p>Intro to Engineering will introduce you to the profession, ethics, and diversity of the field of engineering. You will receive a mailed learning kit of supplies for 15 hands-on projects relating to 10...</p> <p>https://precollege.lsu.edu/courses</p> <p>Grades: 9,10,11 State: LA Program date: July 15–26, 2024 Due date: May 15, 2024 Fees: \$1,250</p>	<p>Summer Program <i>Engineering</i></p> <p>Wake Forest Univ : Summer Immersion Program - Engineering Institute</p> <p>Compose. Communicate. Create. Take your ideas from concept to reality and be prepared to write for life. What makes writing good? While some might say "clear expression of ideas" or "error-free prose..."</p> <p>https://immersion.summer.wfu.edu/opportunities/institutes/engineering-institute/</p> <p>Grades: 9,10,11 State: NC Program date: July 14 – 19, July 21 – 26, 2024 Due date: May 15, 2024 Fees: \$3,000</p>
<p>Summer Program <i>Engineering : Mechanical Engineering : Aerospace Engg : Civil Engg : Electrical Engg</i></p> <p>Rice University : TRYEngineering – Summer Institute</p> <p>TryEngineering Summer Institute gives teens the opportunity to explore a variety of engineering disciplines in a fun, hands-on way. The program is ideal for students who are considering a degree or ca...</p> <p>https://tryengineeringinstitute.ieee.org/engineering-camp/texas-engineering-camp-at-rice-university</p> <p>Grades: 9,10,11 State: TX Program date: June 30-July 8, July 11-19, 2024 Due date: June 15, 2024 Fees: \$2,395</p>	<p>Summer Program <i>Engineering</i></p> <p>Northwestern University : CTD Summer Programs - Multiple Camps</p> <p>The Equinox Summer Program offers high-achieving, motivated high school students the opportunity to receive college-level and pre-professional instruction from master teachers and industry leaders. Fa...</p> <p>https://www.ctd.northwestern.edu/summer-programs</p> <p>Grades: 9,10,11,12 State: IL Program date: June 23-Aug 2, 2024- Multiple Camps Due date: May 2024 Fees: \$2,660</p>	<p>Summer Program <i>Engineering</i></p> <p>Syracuse Univ : Pre-College -It Girls</p> <p>It Girls gives high school students the courage and tenacity they need to solve real problems. Students participating in the It Girls Summer College – On Campus course will take part in a variety of w...</p> <p>https://precollege.syr.edu/programs-courses/summer-college-residential/summer-college-residential-course-listing/it-girls/</p> <p>Grades: 9,10,11,12 State: NY Program date: July 22 - July 26, 2024 Due date: May 1, 2024 Fees: \$2,999</p>	<p>Summer Program <i>Engineering</i></p> <p>NYU : Summer Program in Automation, Robotics, and Coding (SPARC)</p> <p>The Summer Program for Automation Robotics and Coding (SPARC) introduces students to the basics of robotics, mechatronics and programming. This is a 2 week, full-day summer program for rising 9th thro...</p> <p>https://engineering.nyu.edu/academics/programs/k12-stem-education/sparc</p> <p>Grades: 10,11 State: NY Program date: June 17 – 28, July 8-19, July 29-Aug 9, 2024 Due date: May 1, 2024 Fees: \$3,025</p>

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Published 15/04/24



<p>Summer Program <i>Chemical Engineering</i></p> <p>Barnard College : STEMInists - Science In Your Life: Through the Eyes of a Chemical Engineer - Girls Only</p> <p>What do Diet Coke, solar panels, and synthetic organs have in common? They are all things that a chemical engineer can work on improving! Whether it's making batteries more efficient to electrify the ...</p> <p>https://precollege.barnard.edu/steminists</p> <p>Grades: 9,10,11 State: NY Program date: June 30-July 19, July 22-Aug 10, 2024 Due date: Apr 14, 2024 Fees: \$3,125</p>	<p>Summer Program <i>Engineering</i></p> <p>Worcester Polytechnic Inst : Online College Credit : Introduction to Computer Aided Design</p> <p>This introductory course in engineering graphical communications and design provides a solid background for all engineering disciplines. The ability to visualize, create, and apply proper design inten...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers</p> <p>Grades: 9,10,11 State: MA Program date: May 20 - June 25, July 8 - Aug 9, 2024 Due date: Apr 30, 2024 Fees: \$3,295</p>	<p>Summer Program <i>Engineering</i></p> <p>Summer Discovery : UT Austin - Engineering Academy: Innovation & Design</p> <p>This Academy offers budding engineers an opportunity to unleash their curiosity and dive into the exciting world of engineering through hands-on, interactive, and engaging coursework. Based on the fi...</p> <p>https://www.summerdiscovery.com/courses/engineering</p> <p>Grades: 9,10,11 State: TX Program date: June 23-July 12, 2024 Due date: May 10, 2024 Fees: \$3,599 onwards</p>	<p>Summer Program <i>Engineering</i></p> <p>Rosemont College : Emagination STEM Camps</p> <p>Customize your experience by choosing courses that interest you. Mix-n-match, or choose a focus area to deepen your knowledge. Build your camper's schedule by selecting morning and afternoon courses f...</p> <p>https://education.wolfarm.com/summer-research-high-school/</p> <p>Grades: 9,10,11,12 State: PA Program date: June 25-July 13, 2024 Due date: May 2024 Fees: \$3,670</p>
<p>Summer Program <i>Engineering</i></p> <p>Syracuse Univ : Pre-College -Cybersecurity Hack-a-thon Challenge</p> <p>Syracuse University's fun summer tech program brings to life popular television shows like Mr. Robot and CSI: Cyber to give high school students a first-hand look at the prevalence of cybersecurity in ...</p> <p>https://precollege.syr.edu/programs-courses/summer-college-residential/summer-college-residential-course-listing/cybersecurity-hackathon-experience/</p> <p>Grades: 9,10,11,12 State: NY Program date: July 22-Aug 2, 2024</p> <p>Due date: May 1, 2024 Fees: \$3,173</p>	<p>Summer Program <i>Aerospace Engng</i></p> <p>Duke : Pre-College - Space Medicine</p> <p>Imagine going on a three-year car trip without stopping for gas or snacks and with no way of turning back easily. What would you bring with you? How would you make sure you stay healthy? How would you...</p> <p>https://learnmore.duke.edu/precollege/all-programs</p> <p>Grades: 9,10,11 State: NC Program date: June 16-28, July 7-19, 2024</p> <p>Due date: May 2024 Fees: \$3,400</p>	<p>Summer Program <i>Engineering</i></p> <p>Cornell Univ : Digivations Institute - Pre-Collegiate Academy I & II</p> <p>NASA Award Winning DIGIVATIONS STEM + ARTS + HUMANITIES + KINESTHETIC PRE-COLLEGIATE ACADEMIES (ages 13-17), on the campus at Cornell University, June 30-August 3, and UCLA, mid-August, are camp and a...</p> <p>https://www.harrypottercamps.org/dates-ny-summer-camps-nasa-award-winning-literary-institute.html</p> <p>Grades: 10,11,12 State: NY Program date: June 30-July 13, July 14-27, 2024</p> <p>Due date: May 2024 Fees: \$3,600</p>	<p>Summer Program <i>Aerospace Engng</i></p> <p>Johns Hopkins Univ : NSLC Summer - Aerospace Academy</p> <p>Are you fascinated by air and space? Do you enjoy complex engineering problems? At the NSLC on Aerospace, you will learn about the many careers in aerospace and get hands-on experience with challengin...</p> <p>https://www.nslcleaders.org/summer-program-locations/baltimore-high-school-summer-programs/</p> <p>Grades: 9,10,11,12 State: MD Program date: June 16-24, June 27-July 5, July 10-18, July 22-30, 2024 Due date: May 15, 2024 Fees: \$3,795</p>
<p>Summer Program <i>Engineering</i></p> <p>Digipen Institute : Pre-College Art & Animation</p> <p>Even with all the amazing advancements in digital art tools, the key to success for production artists is still a strong visual development process and the foundational art skills to execute that proc...</p> <p>https://academy.digipen.edu/program/pre-college-art-animation/</p> <p>Grades: 9,10,11,12 State: WA Program date: July 8-Aug 2, 2024 Due date: May 2024 Fees: \$3,195</p>	<p>Summer Program <i>Engineering</i></p> <p>UC Berkeley : NSLC Summer - Engineering</p> <p>At the NSLC on Engineering summer program for high school students, you will explore a variety of engineering fields including mechanical, civil, electrical, and biomedical engineering. Professors and...</p> <p>https://www.nslcleaders.org/summer-program-locations/san-francisco-summer-programs/</p> <p>Grades: 9,10,11,12 State: CA Program date: June 17-Aug 1, 2024 - Multiple Sessions Due date: May 15, 2024 Fees: \$3,995</p>	<p>Summer Program <i>Engineering</i></p> <p>Univ. of Massachusetts : Pre-College - Summer Engineering Institute</p> <p>The Summer ENGINEERING Institute (SENGI) is a multi-faceted program that allows students to explore how engineers envision creative, practical solutions that benefit the everyday lives of people and l...</p> <p>https://www.umass.edu/uwm/programs/pre-college/residential/summer-engineering-institute</p> <p>Grades: 11,12 State: MA Program date: July 14 - 27, 2024 Due date: May 2024 Fees: \$3,636</p>	<p>Summer Program <i>Engineering</i></p> <p>Johns Hopkins Univ : NSLC Summer - Engineering Institute</p> <p>At the NSLC on Engineering summer program for high school students, you'll explore a variety of engineering fields including mechanical, civil, electrical, and biomedical engineering. Professors and p...</p> <p>https://www.nslcleaders.org/summer-program-locations/baltimore-high-school-summer-programs/</p> <p>Grades: 9,10,11,12 State: MD Program date: June 16-24, June 27-July 5, 2024 Due date: May 15, 2024 Fees: \$3,795</p>
<p>Summer Program <i>Chemical Engineering</i></p> <p>Duke : Pre-College - Chemical Toxicology</p> <p>How does cooking food affect what kind of toxicants are formed, and in what quantities? What really happened in Flint, Michigan to cause the high lead levels in their drinking water? What is the basis...</p> <p>https://learnmore.duke.edu/precollege/chemical-toxicology</p> <p>Grades: 9,10,11 State: NC Program date: June 30-July 5, July 21-26, 2024 Due date: Mar 5, 2024 Fees: \$3,200</p>	<p>Summer Program <i>Electrical Engg</i></p> <p>University of the Pacific : Pre-college Summer Programs - Building Electrical Circuits and Computers</p> <p>Computing, communication and control systems are the heart of today's high-tech industries and the designs of these sophisticated systems are all based on a few fundamental concepts in electrical and ...</p> <p>https://www.pacific.edu/about-pacific/summer/precollege-summer-program/learning/electrical-engineering-camp</p> <p>Grades: 9,10,11,12 State: CA Program date: June 2-13, June 18-28, 2024 Due date: May 2024 Fees: \$3500</p>	<p>Summer Program <i>Engineering</i></p> <p>NYU : precollege summer program</p> <p>As NYU's precollege summer program homepage states, this precollege program IS college. Each summer, a carefully selected group of high school students are invited to participate in NYU's summer classe...</p> <p>https://www.nyu.edu/admissions/high-school-and-middle-school-programs/high-school-programs/nyu-precollege-program.html</p> <p>Grades: 10,11 State: NY Program date: July 2 - August 15, 2024 Due date: June 12, 2024 Fees: \$3,652</p>	<p>Summer Program <i>Engineering</i></p> <p>Rice University : ELITE Tech – Learning Python while Solving Engineering Problems</p> <p>This technology course gives high school students early exposure to how engineers learn to code in Python to solve important engineering problems. For example, mechanical engineers develop computer co...</p> <p>https://www.rceconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: TX Program date: June-July 2024 - Multiple Sessions Due date: May 15, 2024 Fees: \$3,795</p>
<p>Summer Program <i>Engineering</i></p> <p>Brown Univ : Summer Pre-College</p> <p>The Brown University Pre-Baccalaureate Program is a highly selective program for rising or recently graduated High School Seniors ready to undertake the rigors of credit-bearing, undergraduate study. ...</p> <p>https://precollege.brown.edu/programs/summerbrown</p> <p>Grades: 12 State: RI Program date: June 23-July 26, 2024 Due date: May 15, 2024 Fees: \$3,265</p>	<p>Summer Program <i>Engineering : Mechanical Engineering : Chemical Engineering : Aerospace Engg : Civil Engg : Electrical Engg : Materials Engineering/Science</i></p> <p>John Hopkins : Explore Engineering Innovation: Online</p> <p>Explore Engineering Innovation (EEI) is an exciting, college-level, summer program for motivated high school students with an aptitude in math and science and curiosity about engineering. During th...</p> <p>https://ei.jhu.edu/programs/eei-online/</p> <p>Grades: 9,10,11,12 State: MD Program date: June 24-July 26, 2024 Due date: May 17, 2024 Fees: \$3,575</p>	<p>Summer Program <i>Engineering</i></p> <p>Fairfield University : Emagination STEM Camps</p> <p>Customize your experience by choosing courses that interest you. Mix-n-match, or choose a focus area to deepen your knowledge. Build your camper's schedule by selecting morning and afternoon courses f...</p> <p>https://education.wolfarm.com/summer-research-high-school/</p> <p>Grades: 9,10,11,12 State: CT Program date: June 30-July 12, July 14-26, 2024 Due date: May 2024 Fees: \$3,670</p>	<p>Summer Program <i>Engineering</i></p> <p>Rice University : ELITE Tech – Learning C++ while doing Human Spaceflight Engineering</p> <p>The past year has seen a series of landmark moments in human spaceflight. In May 2020, SpaceX became the first private commercial company to design, develop, and launch a manned rocket vehicle into sp...</p> <p>https://www.rceconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: TX Program date: June-July 2024 - Multiple Sessions Due date: May 15, 2024 Fees: \$3,795</p>
<p>Summer Program <i>Engineering</i></p> <p>Brown Univ : Summer Pre-College - Introduction to Engineering and Design</p> <p>Are you considering a career in engineering? Are you fascinated by what engineers do? In this course, high school students will be given the opportunity to experience engineering and design first hand...</p> <p>https://precollege.brown.edu/programs/summerbrown</p> <p>Grades: 11,12 State: RI Program date: June 23-July 26, 2024 - Multiple Sessions Due date: May 15, 2024 Fees: \$3,265</p>	<p>Summer Program <i>Mechanical Engineering</i></p> <p>Summer Discovery : Univ. of Michigan - From Design to Construction: Mechanical Engineering & Innovation</p> <p>Whether you are fascinated by the science behind how things work, have a passion for structures and design, or have plans for a future as a mechanical engineer, this course is for you. Through a dyna...</p> <p>https://www.summerdiscovery.com/courses/engineering</p> <p>Grades: 9,10,11 State: MI Program date: Jun 30-July 19, July 21-Aug 2, 2024 Due date: May 10, 2024 Fees: \$3,599 onwards</p>	<p>Summer Program <i>Engineering</i></p> <p>North Central College : Emagination STEM Camps</p> <p>Customize your experience by choosing courses that interest you. Mix-n-match, or choose a focus area to deepen your knowledge. Build your camper's schedule by selecting morning and afternoon courses f...</p> <p>https://education.wolfarm.com/summer-research-high-school/</p> <p>Grades: 9,10,11,12 State: IL Program date: June 16-28, June 30-July 12, 2024 Due date: May 2024 Fees: \$3,670</p>	<p>Summer Program <i>Engineering</i></p> <p>Emory University : Rice ELITE Tech – Robotic Engineering: Adding Robot Muscles to Your Inventive Ideas</p> <p>This course will introduce students to the design and use of electric motors in automation (including robots). We will discuss the types of motors and how to select the right type for the application...</p> <p>https://www.rceconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: GA Program date: June-July 2024 - Multiple Sessions Due date: May 15, 2024 Fees: \$3,795</p>

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List of High School Students upcoming Summer programs/Internship

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<p>Summer Program <i>Engineering</i> Rice University : Rice ELITE Tech – Robotic Engineering; Adding Robot Muscles to Your Inventive Ideas</p> <p>This course will introduce students to the design and use of electric motors in automation (including robots). We will discuss the types of motors and how to select the right type for the application.... https://www.rcelconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: TX Program date: June-July,2024 - Multiple Sessions Due date: May 15,2024 Fees: \$3,795</p>	<p>Summer Program <i>Mechanical Engineering</i> Worcester Polytechnic Inst : Residential Frontier - Mechanical Engineering; Steam Engines (Frontiers I)</p> <p>This broad discipline includes many areas of interest: energy production and transfer, mechanical design, materials science, biomechanics, and fluid flow, among others. Participants explore the extent... https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers-grades-11-12/program-information</p> <p>Grades: 10,11 State: MA Program date: July 7 - 19, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>	<p>Summer Program <i>Mechanical Engineering : Civil Engg</i> Worcester Polytechnic Inst : Residential Frontier - Civil, Environmental, and Architectural Engineering (Frontiers I)</p> <p>Civil engineering is one of the oldest and most diverse engineering disciplines focused on designing and constructing the infrastructure that supports daily life. Civil engineers coordinate projects, ... https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers</p> <p>Grades: 10,11 State: MA Program date: July 7 - 19, July 21 - August 2, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>	<p>Summer Program <i>Engineering</i> Cornell College : One Course Summer Institute - Explorations in Engineering</p> <p>Learn how to think like an engineer through a variety of hands-on projects that solve real-world problems with your own innovative solutions. We will use Newtonian physics, thermodynamics, and the eng... https://www.cornellcollege.edu/one-course-summer-institute/index.shtml</p> <p>Grades: 9,10,11 State: IA Program date: July 7-24, 2024 Due date: 45460 Fees: 4000</p>
<p>Summer Program <i>Engineering</i> Univ of Michigan : NSLC Summer - Engineering</p> <p>At the NSLC on Engineering summer program for high school students, you will explore a variety of engineering fields including mechanical, civil, electrical, and biomedical engineering. Professors and... https://www.nslcleaders.org/summer-program-locations/michigan-high-school-summer-programs/</p> <p>Grades: 9,10,11,12 State: MI Program date: July 13-21,July 25-Aug 2,2024 Due date: May 15,2024 Fees: \$3,795</p>	<p>Summer Program <i>Engineering</i> Duke University : NSLC Summer - Engineering</p> <p>At the NSLC on Engineering summer program for high school students, you'll explore a variety of engineering fields including mechanical, civil, electrical, and biomedical engineering. Professors and p... https://www.nslcleaders.org/summer-program-locations/raleigh-durham-high-school-programs/</p> <p>Grades: 9,10,11,12 State: NC Program date: July 6-14,18-26,2024 Due date: May 15,2024 Fees: \$3,995</p>	<p>Summer Program <i>Engineering</i> Michigan State University : High School Honors Science/Mathematics/Engineering Program (HSHSP)</p> <p>The HSHSP is the oldest, continuously running program of its kind in the U.S., having been established in 1958 as a hands-on science enrichment program for local high school students and, over time, d... https://education.msu.edu/hshsp/program-information/</p> <p>Grades: 11 State: MI Program date: June 16 – August 3, 2024 Due date: 45413 Fees: 4000</p>	<p>Summer Program <i>Engineering</i> Rensselaer Polytechnic Institute : Summer Engineering Design Program</p> <p>As a PREFACE participant, you will learn with Rensselaer faculty and students through demonstrations, hands-on activities and experiments, and individual and team activities and challenges. You will b... https://info.rpi.edu/pre-college-initiatives/preface-2024-renselaer-summer-engineering-design-program</p> <p>Grades: 9,10,11 State: NY Program date: July 28-Aug 10,2024 Due date: 45413 Fees: 4000</p>
<p>Summer Program <i>Aerospace Engg</i> Virginia Tech : NSLC Summer - Aerospace</p> <p>Are you fascinated by air and space? Do you enjoy complex engineering problems? At the NSLC on Aerospace, you will learn about the many careers in aerospace and get hands-on experience with challenge... https://www.nslcleaders.org/summer-program-locations/virginia-high-school-summer-programs/</p> <p>Grades: 9,10,11,12 State: VA Program date: June 15-23,June 27-July 5,2024 Due date: May 15,2024 Fees: #,895</p>	<p>Summer Program <i>Aerospace Engg</i> Worcester Polytechnic Inst : Residential Frontier - Aerospace Engineering (Frontiers I & II)</p> <p>This is a catalyst to train and prepare young women to set goals for studies and a career in science, technology, engineering, mathematics, and/or management. In this program, you will discover your ... https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers</p> <p>Grades: 10,11 State: MA Program date: July 7 - 19, July 21 - August 2, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>	<p>Summer Program <i>Engineering</i> Tufts University : Intensive: Engineering Design Lab</p> <p>The Engineering Design Lab (EDL) course will expose students to engineering, fabrication, robotics, and computation in the context of solving real world problems. Throughout the two weeks, guest spea... https://universitycollege.tufts.edu/high-school/programs/engineering-design-lab</p> <p>Grades: 9,10,11 State: MA Program date: July 7 - 19, July 21 - August 2, 2024 Due date: 45413 Fees: 4000</p>	<p>Summer Program <i>Engineering</i> Yale University : NSLC Summer - Engineering</p> <p>At the NSLC on Engineering, you'll design prototypes and build robots alongside your team as you explore career paths in civil, mechanical, and chemical engineering.... https://www.nslcleaders.org/summer-program-locations/new-haven-high-school-programs/</p> <p>Grades: 9,10,11,12 State: CT Program date: June 24-July 2,July 6-14,July 17-25,2024 Due date: 45427 Fees: 4095</p>
<p>Summer Program <i>Engineering</i> UCLA : Digtions Institute - Pre-Collegiate Academy</p> <p>NASA Award Winning DIGIVATIONS STEM + ARTS + HUMANITIES + KINESTHETIC PRE-COLLEGIATE ACADEMIES (ages 13-17), on the campus at Cornell University, June 30-August 3, and UCLA, mid-August, are camp and a... https://www.harrypottercamps.org/dates-ny-summer-camps-nasa-award-winning-literary-institute.html</p> <p>Grades: 10,11,12 State: NY Program date: Aug 11-24,2024 Due date: May 2024 Fees: \$3,900</p>	<p>Summer Program <i>Engineering</i> Worcester Polytechnic Inst : Residential Frontier - Materials Science & Engineering (Frontiers I)</p> <p>Everything is made of materials! This program dives into four types of materials (polymers, ceramics, metals, and composites) using lots of hands-on activities (many involving food!) Oreo cookies are ... https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers-grades-11-12/program-information</p> <p>Grades: 10,11 State: MA Program date: July 7 - 19, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>	<p>Summer Program <i>Engineering</i> Rensselaer Polytechnic Institute : PREFACE: The Rensselaer Summer Engineering Design Program</p> <p>PREFACE is a two-week residential summer experience at Rensselaer Polytechnic Institute for talented high school sophomores and juniors , from groups that have been historically and traditionally unde... https://info.rpi.edu/pre-college-initiatives/preface-2022-renselaer-summer-engineering-design-program</p> <p>Grades: 10,11 State: NY Program date: July 28-Aug 10,2024 Due date: 45401 Fees: 4000</p>	<p>Summer Program <i>Engineering</i> Univ of Wisconsin : Accelerated Learning Program (ALP) - Engineering Fundamentals and Design</p> <p>Engineering is a problem-solving profession that is both academically rigorous and creatively demanding. This course will introduce you to a broad spectrum of engineering fields and provide a strong f... https://precollege.wisc.edu/classes/engineering-fundamentals-alp/</p> <p>Grades: 9,10,11 State: WI Program date: June 30-July 20, 2024 Due date: 45413 Fees: 4100</p>
<p>Summer Program <i>Engineering</i> Purdue University : STEM Summer Session :- Girls Only</p> <p>Begin your first year at Purdue with confidence! Get acquainted with the Purdue campus, your Polytechnic professors and college advisors this summer before the August rush of students, classes and ac... https://polytechnic.purdue.edu/summer-diversity-camps/STEM-summer-session</p> <p>Grades: 9,10 State: IN Program date: July 8-Aug 9,2024 Due date: Mar 5,2024 Fees: \$3,981</p>	<p>Summer Program <i>Engineering</i> Worcester Polytechnic Inst : Residential Frontier - STEM Teaching Workshop (Frontiers I & II)</p> <p>This program provides an introduction to STEM teaching as a profession. You will be introduced to foundational concepts and current theories in education investigating alignment with your own beliefs ... https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers</p> <p>Grades: 10,11 State: MA Program date: July 7 - 19,July 21 - August 2, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>	<p>Summer Program <i>Engineering</i> Tufts University : Intensive: Engineering Investigations</p> <p>The Engineering Investigations Intensive is designed to provide an introduction to the different disciplines within the broad field of engineering, such as Civil and Environmental Engineering, Mechani... https://universitycollege.tufts.edu/high-school/programs/engineering-investigations</p> <p>Grades: 9,10,11 State: MA Program date: July 7 - 19,July 21 - August 2, 2024 Due date: 45413 Fees: 4000</p>	<p>Summer Program <i>Engineering</i> Univ of Wisconsin : Accelerated Learning Program (ALP) - Organic Chemistry: Applications in Food Science and Nutrition</p> <p>Have you ever been sitting in class and wondered, "When will I ever use this in the real world?". In this class focusing on Organic Chemistry, you will explore real-world applications of the material ... https://precollege.wisc.edu/classes/chemistry-consumer-alp/</p> <p>Grades: 9,10,11 State: WI Program date: June 30-July 20, 2024 Due date: 45413 Fees: 4100</p>
<p>Summer Program <i>Engineering : Chemical Engineering</i> Worcester Polytechnic Inst : Residential Frontier - Chemical Engineering (Frontiers I)</p> <p>This course provides an introduction to the broad and vital discipline of chemical engineering including conventional and developing chemical technologies. An introduction is provided to the first pr... https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers</p> <p>Grades: 10,11 State: MA Program date: July 7 - 19, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>	<p>Summer Program <i>Chemical Engineering</i> Worcester Polytechnic Inst : Residential Frontier - Chemical Engineering (Frontiers II)</p> <p>This course provides an introduction to the broad and vital discipline of chemical engineering including conventional and developing chemical technologies. An introduction is provided to the first pr... https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers</p> <p>Grades: 10,11 State: MA Program date: July 21 - August 2, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>	<p>Summer Program <i>Engineering</i> Tufts University : Engineering with Artificial Intelligence</p> <p>Artificial Intelligence (AI), and the sub-field of Machine Learning (ML), is rapidly becoming an integral aspect of many different technological systems, and revolutionizing both computer science and ... https://universitycollege.tufts.edu/high-school/programs/AI</p> <p>Grades: 9,10,11 State: MA Program date: July 7 - 19,July 21 - August 2, 2024 Due date: 45413 Fees: 4000</p>	<p>Summer Program <i>Engineering</i> Univ of California, Berkeley : Envision - National Youth Leadership Forum: Engineering</p> <p>NYLF Engineering is a fantastic foray into the world of engineering and the many careers available in this dynamic field. At this eight-day program, you will learn why the core principles of engineer... https://www.envisionexperience.com/explore-our-programs/national-youth-leadership-forum-engineering-and-technology</p> <p>Grades: 9,10,11 State: CA Program date: July 6-13 July 15-22,2024 Due date: May 2024 Fees: \$4,195</p>

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<p>Summer Program <i>Engineering</i></p> <p>Franklin W. Olin College - Envision - National Youth Leadership Forum (NYLF): Engineering</p> <p>Where could your future as an engineer take you? Anywhere you imagine. Immerse yourself in design thinking and explore your passion for problem-solving across a variety of engineering disciplines at...</p> <p>https://careexperience.worldstrides.com/nylf-engineering/</p> <p>Grades: 9,10,11 State: MA Program date: July 6-13, July 15-22, 2024</p> <p>Due date: 45413 Fees: 4195</p>	<p>Summer Program <i>Engineering</i></p> <p>Champlain College : Audio Engineering, Sound Design & Music Academy</p> <p>The Audio Engineering, Sound Design & Music Academy focuses on highly specialized skill sets that are in demand for creating today's broadcast, video, and streaming media. During this pre-college summ...</p> <p>https://summer.champlain.edu/programs/audio-engineering-sound-design-music-academy/</p> <p>Grades: 9,10,11 State: VT Program date: July 22-Aug 2, 2024</p> <p>Due date: 45427 Fees: 4500</p>	<p>Summer Program <i>Engineering</i></p> <p>BlueStamp Engineering - Summer Camp : In-Person</p> <p>Our in-person summer program offers students of all experience levels to learn and improve their engineering capabilities. Every student builds their own self-selected project and creates an engin...</p> <p>https://bluestampengineering.com/in-person-program/</p> <p>Grades: 9,10,11,12 State: CA Program date: June 10-July 19, 2024</p> <p>Due date: 45413 Fees: 4900</p>	<p>Summer Program <i>Engineering</i></p> <p>Summer Springboard : UC Berkeley - Fundamentals of Engineering</p> <p>This engineering summer program for high school students doesn't just tackle engineering and science fundamentals, it also challenges students to think critically and creatively about how to design in...</p> <p>https://summerspringboard.com/teen-programs/teen-summer-engineering-at-berkeley/</p> <p>Grades: 9,10,11 State: CA Program date: June 16-28, June 30-July 12, July 14-Aug 2, 2024</p> <p>Due date: 45422 Fees: 5698</p>
<p>Summer Program <i>Engineering</i></p> <p>Rowan University : STEAM Academy - Pathways</p> <p>This rigorous residential program features a research internship specifically focused on STEAM content that aligns with student preferences. Designed to help student grow academically and to create a mo...</p> <p>https://www.rowan.edu/steam/</p> <p>Grades: 9,10,11 State: NJ Program date: July 7-19, 2024</p> <p>Due date: 45413 Fees: 4200</p>	<p>Summer Program <i>Engineering</i></p> <p>Mercyhurst Univ : CREATE Summer Program</p> <p>CREATE is a nationally-acclaimed summer experience designed to help potential students determine whether they are ready for the demands of college life. Students live in a Mercyhurst residence hall. e...</p> <p>https://mercyhurst.edu/academics/autism-initiative-mercyhurst</p> <p>Grades: 9,10,11 State: NY Program date: July 8-26, 2024</p> <p>Due date: 45413 Fees: 4600</p>	<p>Summer Program <i>Engineering</i></p> <p>Northwestern University : Advanced Enrichment - Cell Biology</p> <p>Fundamentals of biology. Chemical composition and organization of living material, cellular organization, energy conversion by organisms, genetics and reproduction, ecology, evolution, and other topic...</p> <p>https://sps.northwestern.edu/college-preparation/credit-courses.php</p> <p>Grades: 9,10,11,12 State: IL Program date: July 14 - July 19, 2024</p> <p>Due date: 45413 Fees: 5199</p>	<p>Summer Program <i>Aerospace Engg</i></p> <p>Summer Springboard : UCLA - Aerospace Engineering</p> <p>Program Highlights - Learn the fundamentals of flight mechanics, aerodynamics, propulsion systems and aircraft design - Understand the key differences between aeronautical and astronautical engineer...</p> <p>https://summerspringboard.com/teen-programs/aerospace-engineering-at-ucla/</p> <p>Grades: 9,10,11 State: CA Program date: June 23-July 5, July 7-19, 2024</p> <p>Due date: 45422 Fees: 5698</p>
<p>Summer Program <i>Engineering</i></p> <p>NYU : Computer Engineering for Good (CE4G)</p> <p>The Computer Engineering for Good program redefines "solution" by focusing on the ways computers and engineering can be applied to address the disparity. Students will go through the process of analyz...</p> <p>https://engineering.nyu.edu/academics/programs/k12-stem-education/computer-engineering-good-ce4g</p> <p>Grades: 10,11 State: NY Program date: June 17 - July 3, July 8 - 26, 2024</p> <p>Due date: 45422 Fees: 4250</p>	<p>Summer Program <i>Mechanical Engineering</i></p> <p>Yale : Summer Session - Mechanical Engineering</p> <p>This course is an introduction to the dynamics and cover topics like Newtonian Gravitation Motion, Force, Mass, and Acceleration ,Energy Budget ,Momentum Budget ,Planar Kinematics of Rigid Bodies M...</p> <p>https://summer.yale.edu/courses-programs/courses-yale</p> <p>Grades: 11 State: CT Program date: May 27 - June 28, July 1 - Aug 2, 2024</p> <p>Due date: 45427 Fees: 4650</p>	<p>Summer Program <i>Engineering</i></p> <p>Northwestern University : College Prep - College Physics (Mechanics, Electricity & Magnetism)</p> <p>Mechanics. Algebra-based physics primarily for biology majors and premedical students who do not need to take calculus-based physics. ...</p> <p>https://sps.northwestern.edu/college-preparation/credit-courses.php</p> <p>Grades: 10,11,12 State: IL Program date: June-Aug, 2024-Multiple Sessions</p> <p>Due date: 45413 Fees: 5199</p>	<p>Summer Program <i>Engineering</i></p> <p>Summer Springboard : UC Berkeley - Advanced Engineering and IoT</p> <p>Every "thing" around us is getting smarter because of the exploding field of the Internet of Things, also known as IoT. This technology brings people, processes, data and things together to make netwo...</p> <p>https://summerspringboard.com/teen-programs/web-development-at-uc-berkeley/</p> <p>Grades: 9,10,11 State: CA Program date: June 23-July 5, July 7-19, July 21-Aug 2, 2024</p> <p>Due date: 45422 Fees: 5698</p>
<p>Summer Program <i>Engineering</i></p> <p>Univ. of Wisconsin : Engineering Fundamentals and Design</p> <p>Engineering is a problem-solving profession that is both academically rigorous and creatively demanding. This course will introduce you to a broad spectrum of engineering fields and provide a strong f...</p> <p>https://precollege.wisc.edu/classes/engineering-fundamentals-aig/</p> <p>Grades: 10,11,12 State: WI Program date: June 30-July 20, 2024</p> <p>Due date: 45413 Fees: 4300</p>	<p>Summer Program <i>Chemical Engineering</i></p> <p>Yale : Summer Session - Chemical Engineering Thermodynamics</p> <p>Online Course. This is a rigorous introductory course in thermodynamics. Material will include the first and second laws of thermodynamics, cyclic processes, chemical reaction and phase equilibria. an...</p> <p>https://summer.yale.edu/courses-programs/courses-yale</p> <p>Grades: 11 State: CT Program date: May 27 - June 28, July 1 - Aug 2, 2024</p> <p>Due date: 45427 Fees: 4650</p>	<p>Summer Program <i>Engineering</i></p> <p>Summer Springboard : UC San Diego - Civil Engineering</p> <p>On average, civil engineers in the U.S. make around \$95,400/year, with some top earners in the field making as much as \$174,550/year - and for good reason! Civil engineers design, build, and maintain ...</p> <p>https://summerspringboard.com/teen-programs/teen-summer-engineering-at-san-diego/</p> <p>Grades: 9,10,11 State: CA Program date: June 30-July 12, July 14-26, July 28-Aug 9, 2024</p> <p>Due date: 45422 Fees: 5398</p>	<p>Summer Program <i>Engineering</i></p> <p>Boston College : Honors Program</p> <p>The BCE Honors program for high-school students offers a comprehensive experience which allow you to experience college life first-hand, and tackle the seemingly-intimidating college search. Taking t...</p> <p>https://www.bc.edu/summer/high-school-programs/high-school-honors/</p> <p>Grades: 10,11 State: MA Program date: June 30-Aug 9, 2024</p> <p>Due date: 45413 Fees: 6,04</p>
<p>Summer Program <i>Engineering</i></p> <p>UC Berkeley : SIG Program - Technical Design with VEX Robotics</p> <p>VEX Robotics is the leading platform for robotics and programming competitions, allowing students to design, build, and program robots that can complete specific tasks. In this course, students will l...</p> <p>https://www.giftedstudy.org/Residential/berkeley/</p> <p>Grades: 9,10,11,12 State: CA Program date: Jun 30 - Jul 19, 2024</p> <p>Due date: 45413 Fees: 4499</p>	<p>Summer Program <i>Engineering</i></p> <p>Smith College : Summer Science & Engineering Program - SSEP - Girls Only</p> <p>The Smith Summer Science and Engineering Program (SSEP) is a four-week residential program for exceptional young women with strong interests in science, engineering and medicine. Each July, select h...</p> <p>https://www.smith.edu/academics/programs-courses/precollege-programs/summer-science-engineering-program</p> <p>Grades: 9,10,11 State: MA Program date: July 6-19, July 21-August 3, 2024</p> <p>Due date: 45413 Fees: 4745</p>	<p>Summer Program <i>Engineering</i></p> <p>Summer Springboard : MIT University - Fundamentals of Engineering</p> <p>This course will take place on the MIT campus taught by two instructors, and both have extensive teaching experience at MIT in various Design and Manufacturing courses. Engineering is one of the most ...</p> <p>https://summerspringboard.com/teen-programs/introduction-to-engineering-at-mit/</p> <p>Grades: 9,10,11 State: MA Program date: June 16-28, June 30-July 12, 2024</p> <p>Due date: 45422 Fees: 5398</p>	<p>Summer Program <i>Aerospace Engg</i></p> <p>Rice University : Summer Enrichment - Aerospace & Aviation Academy</p> <p>The Rice University Aerospace & Aviation Academy, fueled by Envision, is an incredible opportunity to spend 12 days in one of the epicenters of aerospace and aviation. During the program, you will gai...</p> <p>https://www.envisionexperience.com/explore-our-programs/aerospace-and-aviation-academy</p> <p>Grades: 9,10,11,12 State: TX Program date: June 13-24, July 25-Aug 5, 2024</p> <p>Due date: 45413 Fees: 6475</p>
<p>Summer Program <i>Aerospace Engg</i></p> <p>Embry-Riddle Aeronautical University : Aerospace Camp</p> <p>The Aerospace program is for students ages 15-18 and is worth three college credits.* This college course, Introduction to Space Flight, is designed to foster a basic understanding of space technology...</p> <p>https://summercamps.erau.edu/camps/aerospace-camp</p> <p>Grades: 9,10,11 State: FL Program date: June 23-July 12, 2024</p> <p>Due date: 45427 Fees: 4500</p>	<p>Summer Program <i>Engineering</i></p> <p>Univ of Delaware : The UD Edge summer college program - Principles of Computing (3 credits)</p> <p>Introduces students to the central ideas of computing and computer science including programs, algorithms, abstraction, the internet, and information systems. Instills ideas and practices of computati...</p> <p>https://www.udel.edu/apply/undergraduate-admissions/precollege-programs/edge/</p> <p>Grades: 10,11,12 State: DE Program date: July 7 - 27, 2024</p> <p>Due date: 45413 Fees: 4900</p>	<p>Summer Program <i>Engineering</i></p> <p>Yale University : SIG Program - Technical Design with VEX Robotics</p> <p>VEX Robotics is the leading platform for robotics and programming competitions, allowing students to design, build, and program robots that can complete specific tasks. In this course, students will l...</p> <p>https://www.giftedstudy.org/Residential/yale/</p> <p>Grades: 10,11,12 State: CT Program date: Jul 7 - 26, 2024</p> <p>Due date: 45413 Fees: 5899</p>	<p>Summer Program <i>Aerospace Engg</i></p> <p>Rice University : Envision - Aerospace & Aviation Academy</p> <p>The Aerospace & Aviation Academy is an immersive program designed specifically for students who are interested in pursuing careers in fields of aerospace and aviation and who want to be at the forefro...</p> <p>https://www.envisionexperience.com/explore-our-programs/aerospace-and-aviation-academy</p> <p>Grades: 9,10,11 State: TX Program date: June 13-24, July 25 - Aug 5, 2024</p> <p>Due date: 45413 Fees: 6495</p>

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