

# List of High School Students upcoming Summer programs/Internships

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| <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Manhattan College Summer Program :- Girls Only</b></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...<br/><a href="https://manhattancollege.fornstack.com/forms/summer_engineering_program_registration">https://manhattancollege.fornstack.com/forms/summer_engineering_program_registration</a></p> <p>Grades: 9,10,11 State: NY<br/>Program date: June 24-29, July 8-12, July 15-19, July 22-26, 2024<br/>Due date: Apr 26, 2024<br/>Fees: Free</p>                                | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Manhattan College Summer Program :- Mechanical Engineering Summer Institute</b></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...<br/><a href="https://manhattan.edu/academics/schools-and-departments/school-of-engineering/high-school-programs.php">https://manhattan.edu/academics/schools-and-departments/school-of-engineering/high-school-programs.php</a></p> <p>Grades: 9,10,11 State: NY<br/>Program date: July 8-Aug 23, 2024<br/>Due date: May 14, 2024<br/>Fees: \$500/Week</p> | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Hofstra Univ : Mechanical and Automotive Institute: Introduction</b></p> <p>In 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...<br/><a href="https://www.hofstra.edu/academics/ce/summer-camp/specialty_auto.html">https://www.hofstra.edu/academics/ce/summer-camp/specialty_auto.html</a></p> <p>Grades: 9,10,11 State: NY<br/>Program date: July 1-12, 2024<br/>Due date: June 2024<br/>Fees: \$700</p>  | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Univ. of Penn : TRYEngineering – Summer Institute</b></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...<br/><a href="https://tryengineeringinstitute.ieee.org/engineering-camp/university-of-pennsylvania">https://tryengineeringinstitute.ieee.org/engineering-camp/university-of-pennsylvania</a></p> <p>Grades: 9,10,11 State: PA<br/>Program date: July 14- 22, July 25- August 2, 2024<br/>Due date: June 15, 2024<br/>Fees: \$2,395</p>                             |
| <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Stanford University : Stanford seeME</b></p> <p>Stanford seeME is an outreach event to introduce young students to engineering! The Mechanical Engineering (ME) department at Stanford opens its doors to high school and middle school students in Spr...<br/><a href="https://humanitiescircle.spc.sstanford.edu/grades-9-12">https://humanitiescircle.spc.sstanford.edu/grades-9-12</a></p> <p>Grades: 9, 10, 11, 12 State: CA<br/>Program date: 45423<br/>Due date: Apr 2024<br/>Fees: \$0</p>   | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>University Of Nebraska : Big Red Summer Academic Camps - Discover Engineering</b></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...<br/><a href="https://4h.unl.edu/big-red-camps">https://4h.unl.edu/big-red-camps</a></p> <p>Grades: 9,10,11 State: NE<br/>Program date: June 9-14, 2024<br/>Due date: May 20, 2024<br/>Fees: \$625</p>  | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Milwaukee School of Engg. : Explore Summer Programs</b></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...<br/><a href="https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/explore/">https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/explore/</a></p> <p>Grades: 9,10,11 State: WI<br/>Program date: June 23-28, July 28-Aug 2, 2024<br/>Due date: May 15, 2024<br/>Fees: \$950</p>                | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Rice University : TRYEngineering – Summer Institute</b></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...<br/><a href="https://tryengineeringinstitute.ieee.org/engineering-camp/texas-engineering-camp-at-rice-university">https://tryengineeringinstitute.ieee.org/engineering-camp/texas-engineering-camp-at-rice-university</a></p> <p>Grades: 9,10,11 State: TX<br/>Program date: June 30-July 8, July 11-19, 2024<br/>Due date: June 15, 2024<br/>Fees: \$2,395</p> |
| <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Manhattan College Summer Program :- Summer Engineering Awareness Program</b></p> <p>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...<br/><a href="https://manhattan.edu/academics/schools-and-departments/school-of-engineering/high-school-programs.php">https://manhattan.edu/academics/schools-and-departments/school-of-engineering/high-school-programs.php</a></p> <p>Grades: 10,11 State: NY<br/>Program date: July 8-12, July 15-19, 2024<br/>Due date: Apr 26, 2024<br/>Fees: \$0</p> | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Michigan Technological University : Mechanical Engineering: Automotive Engineering</b></p> <p>Automotive engineers dedicate their mechanical engineering expertise to improving the world's most used form of transportation. Learn the basics of engine and vehicle technology through hands-on activ...<br/><a href="https://www.mtu.edu/syp/discover/courses/">https://www.mtu.edu/syp/discover/courses/</a></p> <p>Grades: 10,11 State: MI<br/>Program date: July 7-12, 2024<br/>Due date: Apr 10, 2024<br/>Fees: \$665</p>   | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Milwaukee School of Engg. : Focus Summer Programs : Mechanical Engineering</b></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...<br/><a href="https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/focus/">https://www.msoe.edu/academics/high-school-programs/summer-programs-at-msoe/focus/</a></p> <p>Grades: 9,10,11 State: WI<br/>Program date: June 23-28, July 21-26, 2024<br/>Due date: May 15, 2024<br/>Fees: \$950</p> | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Univ. of San Diego : TRYEngineering – Summer Institute</b></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...<br/><a href="https://tryengineeringinstitute.ieee.org/engineering-camp/california-engineering-usd">https://tryengineeringinstitute.ieee.org/engineering-camp/california-engineering-usd</a></p> <p>Grades: 9,10,11 State: CA<br/>Program date: June 30-July 8, July 11- July 19, 2024<br/>Due date: June 15, 2024<br/>Fees: \$2,395</p>                      |
| <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>University of Oklahoma : Boeing Engineering Days</b></p> <p>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...<br/><a href="https://www.ou.edu/coe/explore/k-12-outreach/engineering-days">https://www.ou.edu/coe/explore/k-12-outreach/engineering-days</a></p> <p>Grades: 10,11 State: OK<br/>Program date: June 1-29, 2024<br/>Due date: May 3, 2024<br/>Fees: \$25/day or \$100 for 4+</p>  | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Michigan Technological University : Mechanical Engineering: Design the Future</b></p> <p>Clean energy, space exploration, and transportation all depend on Mechanical Engineers to keep us moving toward the future. Design your own solutions to mechanical engineering problems and visit labs ...<br/><a href="https://www.mtu.edu/syp/discover/courses/">https://www.mtu.edu/syp/discover/courses/</a></p> <p>Grades: 10,11 State: MI<br/>Program date: June 16-21, June 23-28, 2024<br/>Due date: Apr 10, 2024<br/>Fees: \$665</p>   | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Seton Hall University : Giant Leap Summer Science Program -Mechanics</b></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...<br/><a href="https://www.shu.edu/summer/giant-leap.html">https://www.shu.edu/summer/giant-leap.html</a></p> <p>Grades: 10,11 State: NJ<br/>Program date: July 22-26, 2024<br/>Due date: June 2024<br/>Fees: \$1200</p>   | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Columbia University : TRYEngineering – Summer Institute</b></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...<br/><a href="https://tryengineeringinstitute.ieee.org/engineering-camp/engineering-camp-ny/">https://tryengineeringinstitute.ieee.org/engineering-camp/engineering-camp-ny/</a></p> <p>Grades: 9,10,11 State: TX<br/>Program date: July 14-22, July 25-Aug 2, 2024<br/>Due date: June 15, 2024<br/>Fees: \$2,395</p>  |
| <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Tennessee State University : Engineering Exploration Camps (EEC)</b></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...<br/><a href="http://www.tnstate.edu/engineering/precollege.aspx">http://www.tnstate.edu/engineering/precollege.aspx</a></p> <p>Grades: 12 State: TN<br/>Program date: June 9-23, 2024<br/>Due date: May 3, 2024<br/>Fees: \$300</p>   | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Michigan Technological University : Mechanical Engineering: Engineering the Human Body</b></p> <p>Mechanical engineers have a hand in creating many important products from bike helmets to prostheses. Take a look at the human body from a mechanical engineering perspective. Try your hand as a mechan...<br/><a href="https://www.mtu.edu/syp/discover/courses/">https://www.mtu.edu/syp/discover/courses/</a></p> <p>Grades: 10,11 State: MI<br/>Program date: July 14-19, 2024<br/>Due date: Apr 10, 2024<br/>Fees: \$665</p>  | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Clemson University : Mechanical Engineering</b></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...<br/><a href="https://www.clemson.edu/summer/summer-scholars/classes/mechanical-engineering.html">https://www.clemson.edu/summer/summer-scholars/classes/mechanical-engineering.html</a></p> <p>Grades: 9,10,11 State: SC<br/>Program date: July 21-26, 2024<br/>Due date: June 15, 2024<br/>Fees: \$1,200</p>  | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>John Hopkins : Explore Engineering Innovation: Online</b></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...<br/><a href="https://ei.jhu.edu/programs/eei-online/">https://ei.jhu.edu/programs/eei-online/</a></p> <p>Grades: 9,10,11,12 State: MD<br/>Program date: June 24-July 26, 2024<br/>Due date: May 17, 2024<br/>Fees: \$3,575</p>   |
| <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Rutgers University : TARGET: The Academy at Rutgers for Girls in Engineering and Technology</b></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 ...<br/><a href="https://soe.rutgers.edu/target">https://soe.rutgers.edu/target</a></p> <p>Grades: 9,10,11 State: NJ<br/>Program date: July 8-12, July 15-19, July 22-26, 2024<br/>Due date: June 15, 2024<br/>Fees: \$400</p>  | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>West Virginia Univ : Engineering Challenge Camps</b></p> <p>The camps, hosted in the Stalter College of Engineering and Mineral Resources, features something for students at virtually every education level. The series features four, week-long camps for high...<br/><a href="https://outreach.stalter.wvu.edu/k-12-outreach-events/engineering-challenge-camps">https://outreach.stalter.wvu.edu/k-12-outreach-events/engineering-challenge-camps</a></p> <p>Grades: 9,10,11 State: WV<br/>Program date: June 24 - 28, July 15 - 19, July 29 - 2, 2024<br/>Due date: June 1, 2024<br/>Fees: \$700</p>  | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Boston Leadership Institute : Engineering Research</b></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...<br/><a href="https://www.bostonleadershipinstitute.com/engineering-research/">https://www.bostonleadershipinstitute.com/engineering-research/</a></p> <p>Grades: 9,10,11 State: MA<br/>Program date: July 15-August 2, 2024<br/>Due date: May 15, 2024<br/>Fees: \$2,200</p>   | <p><b>Summer Program</b><br/><i>Mechanical Engineering</i><br/><b>Summer Discovery : Univ. of Michigan - From Design to Construction: Mechanical Engineering &amp; Innovation</b></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...<br/><a href="https://www.summerdiscovery.com/courses/engineering">https://www.summerdiscovery.com/courses/engineering</a></p> <p>Grades: 9,10,11 State: MI<br/>Program date: Jun 30-July 19, July 21-Aug 2, 2024<br/>Due date: May 10, 2024<br/>Fees: \$3,599 onwards</p>                                |

## BUILDING A BRIGHT FUTURE

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