## PLTW College Credit

Project Lead the Way (PLTW) has a strong national college and university presence to create opportunities for students in science, technology, engineering, and math (STEM). Above and beyond the standard partnerships, PLTW collaborates with a group of institutions designated as Affiliate Universities. Many of these universities have agreements to recognize college level work and many students will receive college credit (for a fee).

## Nyack High School and PLTW College Credit

At Nyack High School, PLTW students have the opportunity to earn college credit with any PLTW university affiliate. Each university affiliate sets their own standards as to what requirements must be met in order for a student to be eligible for college credit. It is very difficult to predict how all colleges will apply the college credit that is awarded to Nyack PLTW students. There are however, many commonalities between colleges that we have found to be true.

- PLTW college credits are frequently used to replace elective courses rather than the college's required engineering or biomedical courses. Most colleges and universities want all of their students to participate in the major requirements and electives. In addition, Nyack students entering into these courses, soar due to their PLTW experience.
- Each university affiliate that offers undergraduate credit makes its own decision on what grades to accept for credit.
- College transcript credit often enhance a student's college application by showing the ability to be successful in a college level engineering or biomedical curriculum.
- PLTW credit can replace elective credit to shorten the college experience, lighten the academic load or provide time blocks for internships to avoid extension of the graduation time line.
- Most colleges charge a fee to offer the transcript credit (upon successful completion of the course).
- Some colleges will use the college credit to replace the equivalent college course.

Below are **some** college credit options for PLTW Engineering and Biomedical students.

| PLTW: Engineering | College | College Website |
|---|---|---|
| Introduction to Engineering | Rochester Institute of Technology | https://www.rit.edu/emcs/pltw/undergraduate-credit/students-and-parents |
| Aerospace Engineering | Wentworth Institute of Technology | https://wit.edu/admissions/pltw |
| Principles of Engineering | Rochester Institute of Technology | https://www.rit.edu/emcs/pltw/undergraduate-credit/students-and-parents |
| Engineering Design and Development | University of New Haven | https://www.newhaven.edu/academics/centers-institutes/project-lead-way/college-credit.php |

| PLTW: Biomedical Science | College | College Website |
|---|---|---|
| Principles of Biomedical Science | Missouri University of Science and Technology | https://pltw.mst.edu/undergraduate-credit/ |
| Human Body Systems | Missouri University of Science and Technology | https://pltw.mst.edu/undergraduate-credit/ |
| Medical Interventions | Missouri University of Science and Technology | https://pltw.mst.edu/undergraduate-credit/ |
| Biomedical Innovation | Missouri University of Science and Technology | https://pltw.mst.edu/undergraduate-credit/ |

**Other College Credit Opportunities:**

The national Project Lead the Way organization offers many student opportunities. Select the program and explore the colleges offering credit for both PLTW Engineering and Biomedical Science programs.

https://www.pltw.org/experience-pltw/student-opportunities?pageNum=1&perPage=100

**FOR MORE INFORMATION:**

Please see your PLTW teacher or guidance counselor.

For applications to the colleges listed above, please see Ms. Jean Marie Maldonodo in guidance.