UNDERGRADUATE CREDIT:

The link below details the requirements, and has the downloadable PDF of the two credits we offer, MECH ENG 1720 and BIO SCI. Outlined are some important and common questions we receive about the process to obtain credit. If you have specific questions, please call Brittany at the Registrar's Office at 573-341-4074.

https://pltw.mst.edu/undergradcredit/undergradcredit/

FAQs:

Engineering credit Mech Eng 1720

Principles of Biomedical Science (PBS) Bio 1943

Human Body Systems (HBS) Bio 1953

Medical Interventions (MI) Bio 1982

Biomedical Innovation (BI) Bio 1983

What are the requirements to qualify for college credit? The requirements for receiving MECH ENG 1720 credit are the following:

1) Complete ONE of the foundational PLTW courses listed below AND any other PLTW Engineering course:

   - Principles of Engineering (POE)
   - Introduction to Engineering Design (IED)

   Substitutions include the following:
   Computer Integrated Manufacturing (CIM)
   Civil Engineering/Architecture (CEA)
   Digital Electronics (DE)
   Engineering Essentials (EES)
   Aerospace Engineering (AE)
   Engineering Design and Development (EDD)

2) Earn a (B) average (80% +) in each course

3) Earn a stanine score of "6" or higher for each course, and/or a raw score or equivalent

4) Pay the $200 fee

5) Attach official high school transcripts which includes both graded semesters of your PLTW course
The requirements to receive credit for each of the four courses in the Biomedical Sciences Program are the following:

1) Complete a PLTW Biomedical Science course:
   - Principles of Biomedical Science (PBS)
   - Human Body Systems (HBS)
   - Medical Interventions (MI)
   - Biomedical Innovation (BI)

2) Earn a (B) average (80% +) in each course
3) Earn a stanine score of "6" or higher for each course, and/or a raw score or equivalent
4) Pay the $250 fee per course
5) Attach official high school transcripts which includes both graded semesters of your PLTW course

Applications cannot be processed without missing signatures, EOC or exam scores, official high school transcript, and payment. Credit card or check are the only approved options to purchase the credit(s). *The fees cannot be charged to their Joe’SsS account (current S&T students).

What is the deadline to apply for credit through PLTW? There is not a deadline to apply for credit, but it is most common for students to apply for the credit when they have graduated high school. Students are encouraged to check with their prospective university to see how the credit(s) would transfer before applying for the credit. The four BIO SCI courses equate to first year biology electives at Missouri S&T and the MECH ENG 1720 credit is a common freshman year course required of all Missouri S&T engineering majors.

How should a high school submit a student’s PLTW application to Missouri S&T? Students should fill out and sign the appropriate sections of the form and have a teacher or a school official sign and document their course grade and End of Course Exam score. The student will then attach and provide payment and give to a school counselor or school official that handles the applications. The high school will collectively send the application, payment, and an official high school transcript* to the address on the bottom of the PLTW application. *The high school transcripts must be in a sealed envelope from the high school - mailed directly to Missouri S&T.

What type of credit do the students earn? Students are awarded 3 college-level credit hours for each BIO SCI course and 3 college-level credit hours for MECH ENG 1720. The BIO SCI courses are calculated in the applicant's Missouri S&T cumulative GPA while the MECH ENG 1720 is exempt.
What year-of-study (Freshman, Sophomore, Junior, Senior) applicants can earn the college credit? Applicants may seek college credit for MECH ENG 1720 after they have successfully completed both IED and POE courses (or one of these may be substituted for a PLTW engineering course listed above) or for the Biomedical Sciences program - after an applicant completes each BIO SCI course. In addition to incoming freshman, current undergraduate students may also apply for credit if they have taken the PLTW courses previously in a PLTW certified high school.

Transcript Requests to transfer PLTW credits: Once a PLTW credit is approved and processed, an award letter is mailed out with information on how to order an official transcript from Missouri S&T. PLTW applicants will be directed to the following link to request a transcript:

https://registrar.mst.edu/transcripts/transcripts/ and click on “Click here to complete a transcript request through the NSC.”

Information about completing a transcript request: The transcript request will prompt “Are you currently enrolled at Missouri University of Science and Technology?” If the requestor selects “No,” they will have to answer the “approximate years of attendance” in a begin year and end year format. If an applicant only received PLTW credit at Missouri S&T and never enrolled, they would enter “2018” to “2018” or whichever year the credit(s) were granted. Transcripts are $10 per copy, plus processing fees.

How do I get documentation to show my PLTW credits are paid for – for tax related purposes? PLTW is not a part of the Form 1098-T. When credits are approved, an award letter and transfer evaluation report are mailed out; the award letter correspondence states the awarded credit(s) and the date that they were paid in full, and to use for tax related purposes, if needed.