



Mechanical Engineering Pathway Catalog Year 2021-2022

Associate in Science, General Studies in Math and Natural Sciences (ASGSMS)

[Associate in Science, General Studies in Math and Natural Sciences](#)

Washtenaw Community College (WCC) has collaborated with several colleges and universities to provide a transfer pathway for WCC students seeking a bachelor's degree in Mechanical Engineering. The full Mechanical Engineering MiTransfer Pathway agreement can be found on the [Michigan Transfer Network website](#).

Earning an Associate Degree

WCC students must complete all of the following course and degree requirements to earn an associate degree. **Regular meetings with an advisor are strongly recommended to stay on track for graduation.** Please contact our advising center at 734-677-5102 if you need assistance or visit: wccnet.edu/advising.

Degree Requirements

To complete the Associate in Science degree and the Michigan Transfer Agreement (MTA) General Education Requirements, these credits should be met according to the following distribution:

- **English Composition:** ENG 111: Composition I (4 credits).
- **Second Course in English Composition or One course in Communication:** [ENG 226: English Comp. II](#) or any approved Communication (COM) course (3 credits).
- **Mathematics:** Choose from the MTA approved list. [MTH 191](#) is recommended
- **Natural Sciences:** Two courses, in two different disciplines, from the MTA approved list. [PHY 111](#) and [CEM 111](#) are recommended.
- **Social Sciences:** Two courses, in two different disciplines, from the MTA approved list
- **Humanities and Fine Arts:** Two courses, in two different disciplines, from the MTA approved list

The MTA approved list is located in the WCC Catalog or visit: wccnet.edu/mta

Major Courses (29 Credits)

The following courses at WCC have been identified as common major courses that are transferable to Mechanical Engineering programs of [participating institutions](#). Click on the courses to see how they transfer.

- [MTH 191: Calculus I](#) (5 credits) (MTA)
- [MTH 192: Calculus II](#) (4 credits) (MTA)
- [MTH 293: Calculus III](#) (4 credits) (MTA)
- [MTH 295: Differential Equations](#) (4 credits) (MTA)
- [PHY 111: General Physics I](#) (4 credits) (MTA)
- [PHY 122: General Physics II](#) (4 credits) (MTA)
- [CEM 111 General Chemistry I](#) (4 credits) (MTA)

Remaining Associate Degree Requirements

- Additional Electives as needed to earn the **60 credits required for an Associate in Science Degree.**

Transfer Your Courses

Visit the [Michigan Transfer Network website](#) to see how WCC courses transfer to universities in Michigan.