

Michigan Technological University Associate of Science Degree Audit

Major Program: Engineering

Program Code: EAEN, Academic Year 2024-25

Total credits required for the degree: 65

Required Math Courses: 10 to 11 credits

- MA 1160 (4) **or** MA 1161 (5)
- MA 2160 (4)
- MA 2320 (2) **or** MA 2321 (2)

Required Science Courses: 8 credits

- CH 1150 (3)
- CH 1151 (1)
- PH 1100 (1)
- PH 2100 (3)

Required Engineering Courses: 6 credits

- ENG 1101 (3)
- ENG 1102 (3)

Math and Science Electives: 6 to 8 credits

BL1100 (3), CH1160 (3), CH 1161 (1), GE2000 (3), MA3160 (4), MA3520 (2) **or** MA3521 (2), MA3710 (3) **or** CEE3710 (3) **or** BE2110 (3), PH1200 (1), PH2200 (3)

Engineering Electives: 6 to 8 credits

BE2100 (1) **or** CEE1000 (1) **or** CEE1501 (1) **or** CM1000 (1) **or** ENG1505 (1) **or** GE1100 (1) **or** SU1000 (1), BE2700 (3), CEE3501 (3) **or** CEE3503 (3), CM2110 (3), CM3230 (4), CS1111 (3) **or** CS1121 (3) **or** CS1131 (5), EE2111 (3) **or** EE3010 (3), GE2300 (3), GE3050 (3), MEEM2110 (3) **or** ENG2120 (4), MEEM2201 (3) **or** CEE3200 (4), MSE2100 (3) **or** BE2800 (3), MSE2110 (3), SU2000 (3), SU2050 (3)

Selective Electives: 13-17 credits not already used

ACC2000 (3), BE2400 (3), BE2700 (3), BL1100 (3), BL2010/2011 (4), BL2020/2021 (4), BUS2200 (3), CEE1001 (1), CEE3332 (3), CEE3401 (3), CEE3501 (3) **or** CEE3503 (3), CEE3502 (3), CH1000 (3), CH1153 (1), CH1160/1161 (4), CH2410 (3), CH2411 (1), CM2110 (3), CM2200 (3), CM3230 (4), CS1111 (3) **or** CS1121 (3) **or** CS1131 (5), CS1122 (3), CS1142 (3), CS2311 (3), CS2321 (3), EE2111 (3) **or** EE3010 (3), EE2112 (4), EE2174 (4), EE2180 (3), EE3120 (3), ENG1002 (1), ENG2505 (3), GE1200 (1), GE2000 (3), GE2010 (3), GE2020 (3), GE2300 (3), GE2310 (3), GE2320 (2), GE3040 (3), GE3050 (3), MA1032 (4), MA3710 (3) **or** CEE 3710 (3) **or** BE2110 (3), MA3160 (4), MA3520 (2) **or** MA3521 (2), MEEM2110 (3) **or** ENG2120 (4), MEEM2201 (3) **or** CEE3200 (4), MEEM2150 (3), MEEM2700 (3), MEEM2901 (2), MEEM2911 (3), MSE2100 (3) **or** BE2800 (3), MSE2110 (3), MSE3120 (4), PH1200 (1), PH2110 (2), PH2200 (3), PH 2400 (3), SAT2711 (3), SU2000 (2), SU2050 (4), SU2220 (3)

General Education Core: 12 credits

Courses used to complete General Education Core may not be used to complete other degree requirements.

- UN 1015 (3)
- UN 1025 or an upper level modern language (3)
- Critical and Creative Thinking (3)
- Social Responsibility and Ethical Reasoning (3)

Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half (0.5) credit courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.