

Transfer Guide

Integrated Engineering at the Minnesota State University – Mankato

12/14/2021



The following lists the courses you can take at Anoka-Ramsey that will transfer to Minnesota State University – Mankato for a Bachelor's Degree in Integrated Engineering.

Degree Requirements

Anoka-Ramsey Math, Science, Computer Science, and Engineering Courses

ARCC Course	Prerequisite	Typically Offered ³	Equivalent MSU Course
MATH 1400	MATH 1201 or MATH 1210 ¹	Fall, Spring, Summer	MATH 121
MATH 1401 ⁴	MATH 1400	Fall, Spring, Summer	MATH 122
MATH 2210 ⁴	MATH 1401	Spring	MATH 321
MATH 2220 ⁴	MATH 1401	Fall, Spring	MATH 223
PHYS 1327	MATH 1400 ²	Fall, Spring	PHYS 221
PHYS 1328 ⁴	PHYS 1327	Spring, Summer	PHYS 222 and PHYS 232
CHEM 1061 ⁴	MATH 0250 ¹ , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 201
CSCI 1106 ⁴	CSCI 1101	Fall, Spring	Fulfills the ENGR 299 requirement
ENGR 1100 ⁴	None	Fall, Spring	Fulfills the ENGR 110 requirement
ENGR 1111	MATH 0250 ¹	Fall, Spring	ME 103
ENGR 2218	MATH 1400	Fall	EE 244
ENGR 2219 ⁴	MATH 1400 and PHYS 1327	Spring	EE 230 and EE 240
ENGR 2241	PHYS 1327	Fall	ME 212
ENGR 2242	PHYS 1327	Spring	ME 214

¹ Math prerequisite can be met with the appropriate score on the math placement test

² Prerequisite can be taken concurrently.

³ While every effort is made to offer courses in the semester(s) indicated, Anoka-Ramsey cannot guarantee this.

⁴ Course is required for admission to the Integrated Engineering Major

Anoka-Ramsey General Education Courses

The Minnesota Transfer Curriculum (MnTC) helps students transfer their general education courses from two-year to four-year colleges and universities. Several of the required math and science courses fulfill MnTC goal areas. For Integrated Engineering at Minnesota State University – Mankato, ECON 2205 or ECON 2206 is required. For more information on the MnTC, go to the following website: <http://www.anokaramsey.edu/resources/transfer/mntc/>

Admission to the Minnesota State University – Mankato Integrated Engineering Program

By completing the courses listed in the transfer table that are required for admission to the Integrated Engineering Major and taking CHEM 1062, MATH 2200, or BIOL 1106, you will transfer directly into the Integrated Engineering Major at Minnesota State - Mankato.

Remaining Minnesota State University – Mankato Courses

ENGR 301
ENGR 302
ENGR 311W
ENGR 312W
ENGR 321
ENGR 322
ENGR 331
ENGR 332
ENGR 333
ENGR 334
ENGR 335
ENGR 336
ENGR 341
ENGR 342
ENGR 343

ENGR 344
ENGR 345
ENGR 346
ENGR 401
ENGR 411W
ENGR 412W
ENGR 421
ENGR 422
ENGR 492
ENGR 402 or ENGR 498
Technical Electives

The information in this guide is subject to change.