

Transfer Guide

Electrical 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 Electrical Engineering.

Degree Requirements

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

ARCC Course	Prerequisite	Typically Offered ³	Equivalent MSU Course
MATH 1400 ⁴	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	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	MATH 0250 ¹ , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 191
ENGR 2219 ⁴	MATH 1400 and PHYS 1327	Spring	EE 230 and EE 240

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 Electrical 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 Electrical 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 Electrical Engineering Program

Anoka-Ramsey does not offer all of the courses required for direct admission into the Electrical Engineering Major. In addition to the courses listed in the transfer table for admission to the Electrical Engineering major, you will also need to complete EE 105, EE 106, EE 107, EE 231, EE 234, and EE 235 at Minnesota State University – Mankato before being admitted to the Electrical Engineering Major.

Remaining Minnesota State University – Mankato Courses

EE 105
EE 106
EE 107
EE 231
EE 234
EE 235
EE 241
EE 281
EE 282
EE 303
EE 304
EE 332
EE 333
EE 336
EE 337
EE 341
EE 343
EE 350
EE 353
EE 358

EE 363
EE 368
EE 450
EE 467W
EE 477W
EE 482
ENG 271W
PHYS 223
PHYS 233
Technical Electives

The information in this guide is subject to change.