

## Transfer Guide

### Computer Engineering at the Minnesota State University – Mankato

8/30/2024



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 Computer Engineering.

#### Degree Requirements

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

ARCC Course	Prerequisite	Typically Offered <sup>3</sup>	Equivalent MSU Course
MATH 1400 <sup>4</sup>	MATH 1201 or MATH 1210 <sup>1</sup>	Fall, Spring, Summer	MATH 121
MATH 1401 <sup>4</sup>	MATH 1400	Fall, Spring, Summer	MATH 122
MATH 2210 <sup>4</sup>	MATH 1401	Spring	MATH 321
MATH 2220	MATH 1401	Fall, Spring	MATH 223
PHYS 1327	MATH 1400 <sup>2</sup>	Fall, Spring	PHYS 221
PHYS 1328 <sup>4</sup>	PHYS 1327	Spring, Summer	PHYS 222 and PHYS 232
CHEM 1061	MATH 0250 <sup>1</sup> , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 191
ENGR 2219 <sup>4</sup>	MATH 1400 and PHYS 1327	Spring	EE 230 and EE 240

<sup>1</sup> Math prerequisite can be met with the appropriate score on the math placement test

<sup>2</sup> Prerequisite can be taken concurrently.

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

<sup>4</sup> Course is required for admission to the Computer 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 Computer 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 Computer Engineering Program

Anoka-Ramsey does not offer all of the courses required for direct admission into the Computer Engineering Major. In addition to the courses listed in the transfer table for admission to the Computer 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 Computer Engineering Major.

##### Remaining Minnesota State University – Mankato Courses

EE 105  
EE 106  
EE 107  
EE 231  
EE 234  
EE 235  
EE 245  
EE 281  
EE 282  
EE 332  
EE 334  
EE 336  
EE 337  
EE 341  
EE 342  
EE 344  
EE 358  
EE 368  
EE 395  
EE 450

EE 467W  
EE 477W  
EE 486  
ENG 271W  
MATH 280  
ME 299  
PHYS 223  
Technical Electives

The information in this guide is subject to change.