

## Transfer Guide

### Electrical Engineering at the University of Minnesota – Duluth

8/24/2024



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

#### Degree Requirements

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

ARCC Course	Prerequisite	Typically Offered <sup>3</sup>	Equivalent UMD Course
MATH 1400	MATH 1201 or MATH 1210 <sup>1</sup>	Fall, Spring, Summer	MATH 1296
MATH 1401	MATH 1400	Fall, Spring, Summer	MATH 1297
MATH 2210	MATH 1401	Spring	MATH 3280
MATH 2220	MATH 1401	Fall, Spring	MATH 3298
PHYS 1327	MATH 1400 <sup>2</sup>	Fall, Spring	PHYS 2013 and PHYS 2014
PHYS 1328	PHYS 1327	Spring, Summer	PHYS 2015 and PHYS 2016
CHEM 1061	MATH 0250 <sup>1</sup> , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 1153 and CHEM 1154
CSCI 1106	CSCI 1101	Fall, Spring	CS 1511
ENGR 2218	MATH 1400	Fall	EE 1315
ENGR 2219	MATH 1400 and PHYS 1327	Spring	EE 2006

<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.

##### 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 the University of Minnesota – Duluth, 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/>

##### Remaining University of Minnesota – Duluth Courses

EE 1001  
EE 2111  
EE 2212  
EE 2325  
EE 3151  
EE 3235  
EE 3445  
EE 4899  
EE 4999  
CS 3111 or PHIL 3242 or PHIL 3325  
Technical Electives

The information in this guide is subject to change.