Transfer Guide
Computer Engineering at the University of Minnesota – Twin Cities
12/14/2021

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

Degree Requirements

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

ARCC Course	Prerequisite	Typically Offered[3]	Equivalent UMN Course
MATH 1400[4]	MATH 1201 or MATH 1210[1]	Fall, Spring, Summer	MATH 1371
MATH 1401[4]	MATH 1400	Fall, Spring, Summer	MATH 1372
MATH 2201[5] and MATH 2210[5]	MATH 1401	2201: Fall 2210: Spring	MATH 2373
MATH 2220	MATH 1401	Fall, Spring	MATH 2374
PHYS 1327[4]	MATH 1400[2]	Fall, Spring	PHYS 1301
PHYS 1328[4]	PHYS 1327	Spring, Summer	PHYS 1302
CSCI 1106	CSCI 1101	Fall, Spring	CSCI 1113
CSCI 1107	CSCI 1106	Spring	CSCI 1933
CSCI 2100	MATH 1400	Spring	CSCI 2011
ENGR 2218[5]	MATH 1400	Fall	EE 2301
ENGR 2219[5]	MATH 1400 and PHYS 1327	Spring	EE 2015
ENGR 2240	MATH 1400 and CHEM 1061	Fall	ME 3331 (May be used as a Technical Elective[6])
ENGR 2241	PHYS 1327	Fall	AEM 2011 (May be used as a Technical Elective[6])
ENGR 2242	PHYS 1327	Spring	AEM 2021 (May be used as a Technical Elective[6])
ENGR 2243	ENGR 2243	Spring	AEM 3031 (May be used as a Technical Elective[6])

[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 College of Science and Engineering
[5] Course is required for admission to the Computer Engineering Major
[6] A maximum of six credits can be used as Technical Electives

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 more information on the MnTC, go to the following website: http://www.anokaramsey.edu/resources/transfer/mntc/

Admission to the University of Minnesota Computer Engineering Program
By completing the courses listed in the transfer table that are required for admission to the College of Science and Engineering and the Computer Engineering Major, you will transfer directly into the Computer Engineering Major at the University of Minnesota.

Remaining University of Minnesota Courses
CSCI 4041
CSCI 4061
EE 2115
EE 2361
EE 3015
EE 3025
EE 3101
EE 3102
EE 3115
EE 4363
EE 4951W
EE Technical Electives