

Transfer Guide Mechanical Engineering at St. Cloud State University

8/30/24



The following lists the courses you can take at Anoka-Ramsey that will transfer to St. Cloud State University for a Bachelor's Degree in Mechanical Engineering.

Degree Requirements

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

ARCC Course	Prerequisite	Typically Offered ³	Equivalent SCSU Course
MATH 1400	MATH 1201 or MATH 1210 ¹	Fall, Spring, Summer	MATH 221
MATH 1401	MATH 1400	Fall, Spring, Summer	MATH 222
MATH 2201 and MATH 2210	MATH 1401	2201: Fall 2210: Spring	MATH 327
MATH 2220	MATH 1401	Fall, Spring	MATH 321
PHYS 1327	MATH 1400 ²	Fall, Spring	PHYS 234
PHYS 1328	PHYS 1327	Spring, Summer	PHYS 235
CHEM 1061	MATH 0250 ¹ , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 210
CHEM 1062	CHEM 1061	Fall, Spring, Summer	CHEM 211 (Other SCSU courses can fulfill this requirement)
CSCI 1106	CSCI 1101	Fall, Spring	CSCI 201 (Fulfills the GENG 102 requirement)
ENGR 1100	None	Fall, Spring	GENG 104 (SCSU Supplemental Course, GENG 103, is required to complete the degree requirement)
ENGR 2219	MATH 1400 and PHYS 1327	Spring	ECE 201
ENGR 2240	MATH 1400 and CHEM 1061	Fall	MME 220
ENGR 2241	PHYS 1327	Fall	MME 241
ENGR 2242	PHYS 1327	Spring	MME 242
ENGR 2243	ENGR 2241	Spring	MME 213

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.

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. Also, for mechanical engineering at SCSU, 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 St. Cloud State Courses

GENG 103

GENG 360

GENG 380

MME 120

MME 231

MME 250

MME 300

MME 331

MME 342

MME 346

MME 401

MME 480

MME 481

Technical Electives

The information in this guide is subject to change.