

Transfer Guide
Mechanical Engineering at the University of St. Thomas

12/14/2021



The following lists the courses you can take at Anoka-Ramsey that will transfer to the University of St. Thomas 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 UST Course
MATH 1111	MATH 0230 or MATH 0240	Fall, Spring, Summer	STAT 220 (May require additional lab at UST)
MATH 1400	MATH 1201 or MATH 1210 ¹	Fall, Spring, Summer	MATH 113
MATH 1401	MATH 1400	Fall, Spring, Summer	MATH 114
MATH 2210	MATH 1401	Spring	MATH 210
MATH 2220	MATH 1401	Fall, Spring	MATH 200
PHYS 1327	MATH 1400 ²	Fall, Spring	PHYS 211
PHYS 1328	PHYS 1327	Spring, Summer	PHYS 212
CHEM 1061	MATH 0250 ¹ , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 109
ENGR 1100	None	Fall, Spring	ENGR 100
ENGR 2219	MATH 1400 and PHYS 1327	Spring	ENGR 350 (Equivalency is only for Mechanical Engineering Majors)
ENGR 2240	CHEM 1061 and MATH 1400	Fall	ENGR 381 (One credit UST Supplemental Lab is required to complete the degree requirement)
ENGR 2241	PHYS 1327	Fall	ENGR 220
ENGR 2242	PHYS 1327	Spring	ENGR 322 (One credit UST Supplemental Lab is required to complete the degree requirement)
ENGR 2243	ENGR 2243	Spring	ENGR 221 (One credit UST Supplemental Lab, ENGR 221, is required to complete the degree requirement)

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. In addition to completing the MnTC, the University of St. Thomas requires two additional core courses to be completed at the University of St. Thomas. For more information on the MnTC, go to the following website: <http://www.anokaramsey.edu/resources/transfer/mntc/>

Remaining University of St. Thomas Courses

- ENGR 170
- ENGR 221
- ENGR 255
- ENGR 320
- ENGR 322
- ENGR 361
- ENGR 371
- ENGR 381
- ENGR 383
- ENGR 384
- ENGR 410
- ENGR 480
- ENGR 481
- Engineering Elective

The information in this guide is subject to change.