

Transfer Guide Electrical Engineering at North Dakota State University

12/14/2021



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

Degree Requirements

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

ARCC Course	Prerequisite	Typically Offered ³	Equivalent NDSU Course
MATH 1400	MATH 1201 or MATH 1210 ¹	Fall, Spring, Summer	MATH 165
MATH 1401	MATH 1400	Fall, Spring, Summer	MATH 166
MATH 2201	MATH 1401	Fall	MATH 129
MATH 2210	MATH 1401	Spring	MATH 266
MATH 2220	MATH 1401	Fall, Spring	MATH 265
PHYS 1327	MATH 1400 ²	Fall, Spring	PHYS 251 and PHYS 251L
PHYS 1328	PHYS 1327	Spring, Summer	PHYS 252 and PHYS 252L
CHEM 1061	MATH 0250 ¹ , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 121 and CHEM 121L
CHEM 1062	CHEM 1062	Fall, Spring Summer	CHEM 122 and CHEM 122L (May be used as a Technical Elective – 12 credits of Technical Electives are required)
ENGR 2218	MATH 1400	Fall	ECE 275
ENGR 2219	MATH 1400 and PHYS 1327	Spring	EE 206
ENGR 2241	PHYS 1327	Fall	ME 221 (May be used as a Technical Elective – 12 credits of Technical Electives are required)
ENGR 2242	PHYS 1327	Spring	ME 222 (May be used as a Technical Elective – 12 credits of Technical Electives are required)
ENGR 2243	ENGR 2241	Spring	ME 223 (May be used as a Technical Elective – 12 credits of Technical Electives are required)

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

There are ARCC general education courses may fulfill general education requirements at North Dakota State University. Contact an ARCC academic advisor for more information.

Remaining North Dakota State University Courses

ECE 111
ECE 173
ECE 311
ECE 320
ECE 321
ECE 331
ECE 341
ECE 343
ECE 351
ECE 376
ECE 401
ECE 403
ECE 405
ECE Electives
Technical Electives

The information in this guide is subject to change.