Transfer Guide
Mechanical Engineering at the University of Minnesota - Twin Cities
11/6/13

The following lists the technical courses you can take at Anoka-Ramsey that will transfer to the University of Minnesota for a Bachelor's Degree in Mechanical Engineering (course numbers in parentheses represent the University of Minnesota course requirement that is satisfied).

Engineering Courses
ENGR 1100 - Introduction to Engineering **AND** ENGR 1111 - Engineering Graphics (ME 2011)
ENGR 2240 - Thermodynamics (ME 3331)
ENGR 2241 - Statics **AND** ENGR 2242 - Dynamics (AEM 2021)
ENGR 2243 - Mechanics of Materials (AEM 3031)
ENGR 2219 - Linear Circuits I **AND** ENGR 2221 - Digital Fundamentals (EE 3005 AND EE 3006)

Math Courses
MATH 1400 - Calculus I (MATH 1271, 1371, or 1571H)
MATH 1401 - Calculus II (MATH 1272, 1372, or 1572H)
MATH 2201 - Introductory Linear Algebra **AND** MATH 2210 - Differential Equations (MATH 2243, 2373, or 2573H)
MATH 2220 - Multivariable Calculus and Vector Analysis (MATH 2263, 2374, or 2574H)

Physics Courses
PHYS 1327 - College Physics I (PHYS 1301)
PHYS 1328 - College Physics II (PHYS 1302)

Chemistry
CHEM 1061 - Principles of Chemistry I (CHEM 1061 and CHEM 1065)

Computer Science
CSCI 1106 - Fundamentals of Computer Science I (CSCI 1113)