



COSE
SCEE

College of Science & Engineering
School of Computing, Engineering & Environment

Transfer Guide – AS Engineering to BS Computer Engineering

Transfer Process

All transfer students seeking a Bachelor of Science in Computer Engineering should follow the admission procedures located at www.stcloudstate.edu/transfer to be admitted to St. Cloud State University (SCSU). A student must first be accepted to St. Cloud State and then may apply to the Computer Engineering major after meeting the major's admission requirements.

Requirements for Admission to the Computer Engineering Majors:

- Completion of AS degree in Engineering
 - Major GPA of 2.5 or higher
- or
- Direct admission to major:
 - Overall GPA of 2.0 or higher
 - C or better in GENG 102, ECE 201 and 220

The following courses transfer from Anoka Ramsey Community College to St. Cloud State:

Anoka Ramsey Community College Course	SCSU Course
ENGR 1100 Introduction to Engineering	*GENG 101 Ethics & the Engineering Profession (Goal 9)
CSCI 1125 Object-Oriented Programming using Java	*GENG 102 Engineering Problem Solving
MATH 1400 & 1401 Calculus I & II	*MATH 221 & 222 Calculus I & II
MATH 2220 Multivariable Calculus and Vector Analysis	MATH 321 Vector & Multivariable Calculus (MATH/PHYS Elective)
MATH 2201 & 2210 Intro Linear Algebra & Differential Equations	MATH 327 Differential Equations with Linear Algebra
MATH 2100 Discrete Mathematics	MATH 271 Discrete Mathematics
CSCI 1106 Fundamentals of Computer Science I	CSCI 201 Computer Science I
CSCI 1107 Fundamentals of Computer Science II	CSCI 301 Computer Science II
PHYS 1327 & 1328 College Physics I & II	*PHYS 234 & 235 Classical Physics I & II
ENGL 1121 College Writing and Critical Reading	*ENGL 191 Intro to Rhetorical & Analytical Writing (Goal 1)

Computer Engineering Emphasis

Anoka Ramsey Community College Course	SCSU Course
ENGR 2219 Linear Circuits I	*ECE 201 Circuit Analysis I
ENGR 2220 Linear Circuits II	ECE 202 Circuit Analysis II
ENGR 2218 Digital Logic	*ECE 220 Digital Logic Design

*If a student completes a Goal within the MnTC, the same Goal will be completed at St. Cloud State once transferred.

Additional Requirements to Consider when Degree Planning

- Completion of 10 Goals (40 credits) in the MnTC (known as the Liberal Education Program at St. Cloud State)
- 40 upper-division credits (300-400 level coursework) are required to graduate
- Avoid taking a Goal 9 course

Please refer to www.transferology.com for up-to-date information on course equivalencies.

The information in this guide is subject to change without notice.

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College of Science & Engineering

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