



Transfer Guide – AS Engineering to BS Electrical Engineering

Transfer Process

All transfer students seeking a Bachelor of Science in Electrical 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 Electrical Engineering major after meeting the major’s admission requirements.

Requirements for Admission to the Electrical 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 Century College to St. Cloud State:

Century College Course	SCSU Course
ENGR 1020 Intro to Engineering	*GENG 101 Ethics & the Engineering Profession (Goal 9)
CSCI 1081 Programming Fundamentals	*GENG 102 Engineering Problem Solving
MATH 1081 & MATH 1082 Single Variable Calculus I & II	MATH 221 & 222 Calculus I & II
MATH 2081 Multivariable Calculus	MATH 321 Vector & Multivariable Calculus
MATH 2082 Linear Algebra and Differential Equations	MATH 327 Differential Equations with Linear Algebra
CHEM 1041 Principles of Chemistry I	*CHEM 210 General Chemistry I
PHYS 1081 & PHYS 1082 Introductory Physics I & II	*PHYS 234 & 235 Classical Physics I & II
CSCI 1081 & CSCI 1082 Programming Fundamentals & Object-Oriented Programming	CSCI 201 Computer Science I

Electrical Engineering Emphasis

Century College Course	SCSU Course
ENGR 2091 & ENGR 2092 Circuits I & II	*ECE 201 & ECE 202 Circuit Analysis I & Circuit Analysis II
ENGR 2095 Introduction to Digital Design	*ECE 220 Digital Logic Design
Math 2025 Probability & Statistics with Calculus	Stat 353 Statistical Methods I for Engineers
Choose one of the following as your final additional requirement: ENGR 1080, CHEM 1042	These courses are equivalent to MME 241, CHEM 211 at SCSU Non EE Elective in program

The following courses are *suggested* for particular MnTC Goals:

Century College Course	SCSU Course
COMM 1021 Fundamentals of Public Speaking	CMST 192 Introduction to Communication Studies
ENGL 1021 & 1022 Composition I & II	*ENGL 191 Intro to Rhetorical & Analytical Writing (Goal 1)

*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. CloudState)
- 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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2/2021 (Draft)