



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 Central Lakes College to St. Cloud State:

Central Lakes College Course	SCSU Course
ENGR 1500 Introduction to Engineering	*GENG 101 Ethics & the Engineering Profession (Goal 9)
ENGR 2569 & 2570 Circuit Analysis I & II	*ECE 201 & ECE 202 Circuit Analysis I & II
ENGR 1560 Digital Logic Design	*ECE 220 Digital Logic Design
PHYS 1411 & 1412 Classic Physics I & II	*PHYS 234 & 235 Classic Physics I & II
CSCI 2581 Computer Programming Advanced C++	CSCI 201 Computer Science I
MATH 2459 Differential Equations and MATH 2457 Linear Algebra	MATH 325 Differential Equations and MATH 312 Linear Algebra
CHEM 1424 Chemical Principles I	*CHEM 210 General Chemistry I
Choose one of the following as your final additional requirement: ENGR 2549, ENGR 2547, or CHEM 1425	These courses are equivalent to MME 210, 241, and CHEM 211 at SCSU – Non EE Elective in program

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

Central Lakes College Course	SCSU Course
COMM 1410 Introduction to Communication	CMST 192 Introduction to Communication Studies
ENGL 1410 & 1411 Composition I & II	*ENGL 191 Intro to Rhetorical & Analytical Writing (Goal 1)
MATH 1477 & 1478 Calculus I & II	*MATH 220 & 222 Calculus 1 & 2
MATH 2458 Multivariable Calculus	MATH 321 Vector & Multivariable Calculus

*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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