

*The purpose of this course listing is to provide a suggested guide for transfer into the following program. **This is a recommendation only.** It is the student's responsibility to ensure proper course selection by contacting the transfer institution.*

Electrical Engineering **St. Cloud State University**

A. MINNESOTA TRANSFER CURRICULUM (MnTC): 40 General Ed. semester credits including:

1. Communications 9-11 credits
 Critical Thinking 1 course
 Natural Sciences 6 credits
 Math/Logical Reasoning 3 credits
 History/Social/Behavioral Sci. 9 credits
 Humanities/Fine Arts 9 credits
 Goals VII-X 1 course

2. Students transferring with an Associate in Arts Degree or a completed Minnesota Transfer Curriculum (MnTC) satisfy the SCSU general education requirements.

B. REQUIRED COURSES:

CHEM	1424	(5cr)	Chemical Principles I
ENGR	1411	(5cr)	Engineering Physics I
ENGR	1412	(5cr)	Engineering Physics II
ENGR	1500	(2cr)	Intro to Engineering
ENGR	1560	(3cr)	Digital Logic Design
ENGR	2569	(4cr)	Circuit Analysis I
MATH	1477	(5cr)	Calculus I
MATH	1478	(5cr)	Calculus II
MATH	2459	(4cr)	Differential Equations
PHED	1594	(2cr)	Fitness for Life

C. NON-EE ELECTIVES (3 credits)

ENGR	2549	(3cr)	Mechanics of Materials
ENGR	2547	(3cr)	Statics
CHEM	1425	(5cr)	Chemical Principles II

D. MATH & PHYSICS ELECTIVES (3 credits)

MATH	2457	(3cr)	Linear Algebra
MATH	2458	(4cr)	Multivariable Calculus

Note: MATH 2457 + MATH 2458 = MATH 311 (3cr) at SCSU. MATH 311 is an optional physics and math elective within the EE program.

E. ADMISSION REQUIREMENTS:

Contact SCSU for admission requirements.

F. CAMPUS CONTACT:

College of Science & Engineering (320) 308-2192
Admissions (877) 654-7278
www.scsu.edu

Admission and course requirements change frequently; therefore, this is to be considered a suggested guide only. It is the student's responsibility to be in contact with the transfer institution to obtain the most current program information.