

*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.*

Mechanical 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	2547	(3cr)	Statics
ENGR	2548	(3cr)	Dynamics
ENGR	2549	(3cr)	Mechanics of Materials
ENGR	2569	(4cr)	Circuit Analysis I
MATH	1477	(5cr)	Calculus I
MATH	1478	(5cr)	Calculus II
MATH	2457	(3cr)	Linear Algebra
MATH	2458	(4cr)	Multivariable Calculus
MATH	2459	(4cr)	Differential Equations
PHED	1594	(2cr)	Fitness for Life

Note: MATH 2457 + MATH 2458 = MATH 311 (3cr) at SCSU.

C. ELECTIVES: (3 credits)

BIOL	2467	(4cr)	Anatomy & Physiology I
CHEM	1425	(5cr)	Chemical Principles II

D. ADMISSION REQUIREMENTS:

Contact SCSU for admission requirements.

E. 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.