



## 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](http://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 Century College to St. Cloud State:

Century College Course	SCSU Course
<b>ENGR 1020</b> Intro to Engineering	<b>*GENG 101</b> Ethics & the Engineering Profession (Goal 9)
<b>CSCI 1081</b> Programming Fundamentals	<b>*GENG 102</b> Engineering Problem Solving
<b>MATH 1081 &amp; MATH 1082</b> Single Variable Calculus I & II	<b>MATH 221 &amp; 222</b> Calculus I & II
<b>MATH 2081</b> Multivariable Calculus	<b>MATH 321</b> Vector & Multivariable Calculus
<b>MATH 2082</b> Linear Algebra and Differential Equations	<b>MATH 327</b> Differential Equations with Linear Algebra
<b>PHYS 1081 &amp; PHYS 1082</b> Introductory Physics I & II	<b>*PHYS 234 &amp; 235</b> Classical Physics I & II
<b>CSCI 1081 &amp; CSCI 1082</b> Programming Fundamentals & Object-Oriented Programming	<b>CSCI 201</b> Computer Science I
<b>CSCI 2082</b> Data Structures and Algorithms	<b>CSCI 301</b> Computer Science II

### Computer Engineering Emphasis

Century College Course	SCSU Course
<b>ENGR 2091 &amp; 2092</b> Circuits I & II	<b>*ECE 201 &amp; 202</b> Circuit Analysis I & II
<b>ENGR 2095</b> Introduction to Digital Design	<b>*ECE 220</b> Digital Logic Design
<b>Math 2025</b> Probability & Statistics with Calculus	<b>STAT 353</b> Statistical Methods I for Engineering

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

Century College Course	SCSU Course
<b>COMM 1021</b> Fundamentals of Public Speaking	<b>CMST 192</b> Introduction to Communication Studies
<b>ENGL 1021 &amp; 1022</b> Composition I & II	<b>*ENGL 191</b> 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 <https://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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