



CCAC to SRU – Transfer Credit Guide

**MECHANICAL ENGINEERING**

This guide may be used by CCAC students who are planning to transfer to the Mechanical Engineering program at SRU. The guide corresponds with the Rock Studies component (general education) of the SRU curricula.. Questions regarding this information should be directed to an SRU transfer counselor.

<b>ROCK STUDIES REQUIREMENTS (SRU General Education) (42-43 Credits)</b>			
✓	Course	Title	Credits
<b>The Rock (12-16 Credits)</b>			
	ENG 102	English Composition II	3
	Any ENG above 102	Any Literature course from <b>CCAC's Humanities Electives</b>	3
	SPH 101	Oral Communication from <b>CCAC's Humanities Electives</b>	3
	MAT 210	Calculus I	4
	____ 139	University Seminar (Required at SRU if student transfers less than 24 credits)	3
<b>Integrated Inquiry (15-17 Credits)</b>			
<b>Creative and Aesthetic Inquiry (3 Credits)</b>			
	____	Any Art, Dance, Music or Theater course from <b>CCAC's Humanities Electives</b>	3
<b>Humanities Inquiry (3 Credits)</b>			
	____	Any Philosophy or Foreign Culture or Language course from <b>CCAC's Humanities Electives</b> OR Any course from <b>CCAC's Social Sciences Electives</b>	3
<b>Social Science Inquiry (3 Credits)</b>			
	____	Any course from <b>CCAC's Social Sciences Electives</b>	3
<b>Natural Sciences Inquiry (3-4 Credits)</b>			
	CHE 151	General Chemistry I (lab)	4
<b>Physical Science Inquiry (3-4 Credits)</b>			
	PHYS 221	Physics for Science and Engineering I (lab)	4
<b>Thematic Thread – Transfer Credits (12 credits)</b>			
	ENG 101	English Composition 1	3
	MAT 202	Calculus 2	4
	____	Any <b>CCAC general education</b> course	3
	PHY 223	Physics for Science and Engineering 3	4
<b>Computer Competency</b>			
	____	All students will be required to show “computer proficiency” by either transferring or completing a computer course, or by passing an SRU proficiency exam. CCAC students may choose one of the following courses: <ul style="list-style-type: none"> <li>• CIT 100 Computer Fundamentals &amp; Applications OR</li> <li>• CIT 130 Object Oriented Programming 1: Java</li> </ul>	0-3
<b>Major Requirements</b>			
	PHY 222	Physics for Science and Engineering 2	4
	MET 150	Statics	4
	EDD 120	Intro to Computer Aided Drafting	4
	MAT 203	Calculus 3	4

Students are responsible for the curriculum requirements at the time of enrollment at SRU. Because the curriculum may change from the point of beginning community college classes to enrolling at SRU, it is recommended that students occasionally consult with an SRU transfer counselor.