



CCBC to SRU – Transfer Credit Guide

Engineering

This guide may be used by CCBC students, who plan to transfer to SRU and are not certain of an Academic Major. The guide corresponds with the Rock Studies component (general education) of the SRU curricula. Students, who know their intended Major, should seek the advice of an SRU counselor, as some Majors may prescribe a specific required course in the categories below. Students pursuing a Program-to-Program Articulation agreement (P2P) should follow that specific associate degree curriculum, not this guide.

ROCK STUDIES REQUIREMENTS (SRU General Education) (42-43 Credits)			
✓	Course	Title	Credits
The Rock (12-16 Credits)			
	WRIT 101	English Composition	3
	LITR ____	Any Literature course	3
	COMM 201	Public Speaking	3
	MATH 160	Calculus I (Civil, ISE, Mechanical, and PNGE)	4
	____ 139	University Seminar (Required at SRU if student transfers less than 24 credits)	3
Integrated Inquiry (15-17 Credits)			
Creative and Aesthetic Inquiry (3 Credits)			
	____	Any Fine Arts or Music from CCBC's Humanities	3
Humanities Inquiry (3 Credits)			
	____	Choose one course from the TAOC 5 list	3
Social Science Inquiry (3 Credits)			
	PSYC 201 or SOCI 201	General Psychology <i>OR</i> Principles of Sociology	3
Natural Sciences Inquiry (3-4 Credits)			
	CHEM 101	General Chemistry I (lab) (Civil, ISE, Mechanical, and PNGE)	4
Physical Science Inquiry (3-4 Credits)			
	PHYS 202	Physics 1 (Civil, ISE, Mechanical, PNGE)	3-4
Thematic Thread – Transfer Credits (6 Credits)			
	MATH 161	Calculus II (Civil, ISE, Mechanical, PNGE)	3
	At SRU	Physics 3 (At SRU) (Civil, ISE, Mechanical, PNGE)	3
Computer Competency			
	____	All students will be required to show “computer proficiency” by either transferring or completing a computer course, or by passing an SRU proficiency exam. CCBC students may complete: <ul style="list-style-type: none"> • CIST 100 – Introduction to Information Technology 	0-3
Major Requirements (Choose from those that are applicable to your academic major)			
	BIOL 101	General Biology I (Civil only)	4
	CIST 150	C++ Programming (Civil, ISE, Mechanical, only)	3
	ENGR 120	CAD: Computer Aided Drafting (ISE, Civil, Mechanical, PNPG)	3
	ENGR 160	Engineering Fundamentals	3
	ENGR 240	Electrical Circuits (Civil, ISE, Mechanical only)	3
	MATH 200	Calculus III (ISE, Mechanical, PNGE only)	3
	MATH 220	Differential Equations (Civil, Mechanical, PNGE only)	3
	PHYS 203	Physics 2 (ISE and PNGE only)	3

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.