

## TRANSFER PATHWAY MAP FOR DARS ENCODING

	College (sending)	University (receiving)
Institution	Rochester Community & Technical College	St. Cloud State University
Program name	Computer Science Transfer Pathway	Computer Science
Award Type	AS	BS
Credit Length	60	120

### College Transfer Pathway Associate Degree to University - Course Relationships

Courses listed on the college side indicate a course relationship to the university course on the same line.

College			University		
Course Prefix, Number and Title	MnTC Goal(s)	Credits	Course Prefix, Number and Title	College MnTC Goal(s)	Credits Applied
**ENGL 1117 Reading & Writing Critically I	1	4	ENGL 1117 + 1118 = ENGL 191 Intro to Rhetorical & Analytical Writing (4)	1	8
**ENGL 1118 Reading & Writing Critically II	1, 2	4		1, 2	
COMM 1114 Fundamentals of Public Spkg	1	3	CMST 192 Intro to Communication Studies	1	3
MATH 1127 Calculus I	2, 4	5	MATH 221 Calculus I (4)	2, 4	5
MnTC Electives:	3, 5, 6, 7-10	14-15	MnTC goal areas per RCTC courses	3, 5, 6, 7-10	14-15
COMP 2243 Programming & Problem Solving		4	Elective or <b>university evaluates</b>		4
COMP 2247 Algorithms & Data Structure		4	Elective or <b>university evaluates</b>		4
COMP 2275 Computer Architecture		4	Elective or <b>university evaluates</b>		4
MATH 2218 Discrete Mathematics		4	MATH 271 Discrete Mathematics (3)		4
COMP 1140 Introduction to Database and SQL		3	Elective or <b>university evaluates</b>		3
COMP 1150 Computer Science Concepts		3	Elective or <b>university evaluates</b>		3
Choose one: MATH 2350 Intro to Mathematical Statistics OR MATH 1128 Calculus II	NA 2, 4	4-5 (4) (5)	Elective or <b>university evaluates</b> MATH 222 Calculus II (4)	NA 2, 4	4-5 (4) (5)
Choose one: COMP 1731 Programming for the Internet OR COMP 1741 Java Script OR COMP 1751 Mobile Application Development		3	Elective or <b>university evaluates</b> Elective or <b>university evaluates</b> Elective or <b>university evaluates</b>		3
<b>Total Credits</b>		<b>60</b>	<b>Total Credits</b>		<b>60</b>

**Notes, if any:** \*Students should work with advisors to ensure they choose courses that will complete the entire 40 minimum credit MnTC by the time the baccalaureate degree is completed (unless it is completed at the college).

\*\*Sequential courses should be taken at the same college to meet all learning outcomes.

Revised 5/8/2018

Note: Course relationships/curriculum is subject to change.