

## TRANSFER PATHWAY MAP FOR DARS ENCODING

	College (sending)	University (receiving)
Institution	Saint Paul 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 1711 Composition 1	1	4	ENGL 100 Intro to Expository Writing (3)	1	4
**ENGL 1712 Composition 2	1	2	ENGL 191 Intro to Rhetorical & Analytical Writ (4)	1	2
Choose one: COMM 1710 Fundamentals of Public Speaking OR COMM 1720 Interpersonal Communication OR COMM 1730 Intercultural Communication OR COMM 1750 Small Group Communication OR COMM 1770 Family Communication OR COMM 1780 Gender Communication	1, 8 1, 7 1, 8 1, 9 1, 7 1, 7	3	Goals 1, 8 or <b>university evaluates</b> Goals 1, 7 or <b>university evaluates</b> Goals 1, 8 or <b>university evaluates</b> Goals 1, 9 or <b>university evaluates</b> Goals 1, 7 or <b>university evaluates</b> Goals 1, 7 or <b>university evaluates</b>	1, 8 1, 7 1, 8 1, 9 1, 7 1, 7	3
PHYS 1720 Principles of Physics 1	3	4	PHYS 231 General Physics I	3	4
Choose one: MATH 2749 Calculus 1 OR MATH 2750 Calculus 2	4 4	4 4	MATH 221 Calculus I MATH 222 Calculus II	4 4	4 4
Goal 5	5	3	Goal 5 (and other goal areas met by course)	5	3
Goal 6	6	3	Goal 6 (and other goal areas met by course)	6	3
MnTC Goal Areas 3, 5, 6, 7-10 (depending on goal areas met by other courses)	3, 5, 6, 7-10	3	Goal Areas per Saint Paul College	3, 5, 6, 7-10	3
CSCI 1410 Computer Science & Info Systems		4	CSCI 200 Elements of Computing		3
CSCI 1523 Intro to Computing & Prog Concepts		4	CSCI 201 Computer Science 1		4
CSCI 1524 Intro to Algorithms & Data Structures		4	CSCI 301 Computer Science 2		4
CSCI 1533 ANSI C Language Programming		2	CSCI 260		2
CSCI 1541 Java Programming I		4	CSCI 262 + CSCI 265		4
CSCI 2460 Discrete Structures of Comp Science		4	Math 271		4
CSCI 2469 Advanced Programming Principles		4	CSCI 263 + CSCI 264		4
CSCI 2570 Machine Architecture & Organization		4	CSCI 220		4
<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 5/29/18

Note: Course relationships/curriculum is subject to change.