

TRANSFER PATHWAY MAP FOR DARS ENCODING

	College (sending)	University (receiving)
Institution	Inver Hills Community 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
**ENG 1108 Writing & Research Skills	1, 2	4	ENG 1108 + 1111 = ENGL 191 Intro to Rhetorical & Analytical Writing (4)	1, 2	4
Choose one: **ENG 1111 Research Writ in the Disciplines OR **ENG 1114 The Research Paper OR **ENG 1130 Writing & Research for the	1, 2	2-3 (2) (3) (3)	ENG 1108 + 1111 = ENGL 191 Intro to Rhetorical & Analytical Writing (4) ENGL 191 Intro to Rhetorical & Analytical Writ (4) Goals 1, 2 or university evaluates	1, 2	2-3 (2) (3) (3)
Choose one: COMM 1100 Interpersonal Communication OR COMM 1110 Public Speaking OR COMM 2230 Small Group Communication	1, 7 1, 2 1, 2	3	CMST 220 Interpersonal Communication CMST 192 Intro to Communication Studies CMST 340 Small Group Communication	1, 7 1, 2 1, 2	3
Goal 3 PHYS 1081 Calc Based Physics I (recommended)	2, 3	3-5 (5)	PHYS 234 Classical Physics I	2, 3	3-5 (5)
MATH 1133 Calculus I	2, 4	5	MATH 221 Calculus I (4)	4	5
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
Goals 7-10	7-10	3	Goals 7-10 (and other goal areas met by courses)	7-10	3
MnTC Electives (recommend Goals 5, 6; also Goals 7, 8, 9, or 10 not taken above)	5, 6, 7-10	9-12	Goals 5, 6, 7-10 (and other goal areas met by courses)	5, 6, 7-10	9-12
ITC 2000 PC Hardware & Software (A+)		3	Elective or university evaluates		3
CS 1110 Computer Science I with Java		3	CSCI 262		2
CS 1119 Computer Programming in C++		4	CSCI 201		4
CS 1126 Java Programming			CSCI 260		
CS 2200 Computer Architecture		4	CSCI 220		4
CS 2300 Algorithms & Data Structures		4	CSCI 301		4
CS 2350 Discrete Structures		4	MATH 271		3
Total Credits		60	Total Credits		60

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.