

## TRANSFER PATHWAY MAP FOR DARS ENCODING

	College (sending)	University (receiving)
Institution	Pine Technical & 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
**ENGL 1276 College Composition	1	4	ENGL 191 Intro to Rhetorical & Analytical Writing	1	4
**ENGL 2200 Advanced Composition	1	3	ENGL 191 Intro to Rhetorical & Analytical Writ (4)	1	3
SPCH 1270 Introduction to Speech	1, 2	3	CMST 192 Intro to Communication Studies	1, 2	3
ENSC 1250 Intro to Environmental Science	3, 10	4	Goals 3, 10 or <b>university evaluates</b>	3, 10	4
PHYS 1250 College Physics I	2, 3	4	PHYS 231 Classical Physics I (5)	2, 3	4
MATH 1262 Calculus I	4	5	MATH 221 Calculus I (4)	4	5
PSYC 1200 Introduction to Psychology	5	3	PSY 115 Intro to Psychology	5	3
PHIL 1220 Human Ethics	6, 9	3	PHIL 212 Moral Problems & Theories	6, 9	3
Goals 5, 6, 7, or 8	5, 6, 7, 8	3	Goals 5, 6, 7, 8 per Pine TCC	5, 6, 7, 8	3
**COCP 1236 Java Programming I		4	CSCI 262 + CSCI 265 Programming in Java		4
**COCP 1237 Java Programming II		4	CSCI 201 Computer Science I		2
**COCP 1231 Web Development I		3	CSCI 200 Elements of Computing		3
**COCP 2261 Web Development II		3	Elective or <b>university evaluates</b>		3
COCP 1278 Data Structures in C		3	CSCI 301 Computer Science II		3
COCP 2272 Programming Relational Databases		3	SE 211 Introduction to Database Systems		3
COCP 1404 Discrete Mathematics		4	MATH 271 Discrete Mathematics		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 5/29/18

Note: Course relationships/curriculum is subject to change.