

MATHEMATICS TRANSFER PATHWAY AA

Purpose: The Mathematics Transfer Pathway AA offers students a powerful option: the opportunity to complete an Associate of Arts degree with course credits that directly transfer to designated Mathematics bachelor's degree programs at Minnesota State universities. The curriculum has been specifically designed so that students completing this pathway degree and transferring to one of the seven Minnesota State universities enter the university with junior-year status. All courses in the Transfer Pathway associate degree will directly transfer and apply to the designated bachelor's degree programs in a related field.

Award:

Mathematics Transfer Pathway A.A. Degree.....60 credits total
Total Computer Science Curriculum..... 20 credits
MnTC Curriculum/General Education 40 credits

RECOMMENDED FULL-TIME COURSE SEQUENCE			
<i>Not all courses are scheduled every semester. See course schedule: https://eservices.minnstate.edu/registration/search/basic.html?campusid=306.</i>			
Semester 1 FYEX 1000 College Success Strategies 1 cr MATH 1127 Calculus I (Goal 4) 5 cr ENG 1117 Reading and Writing Critically I (Goal 1) 4 cr MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives 6 cr <p style="text-align: right;">Total Credits 16</p>		Semester 2 MATH 1128 Calculus II 5 cr Communications (Goal 1) 3 cr COMM1114 Fundamentals of Public Speaking or COMM 1130 Interpersonal Communication ENGL 1118 Reading & Writing Critically II (Goal 1).. 4 cr MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives 3 cr <p style="text-align: right;">Total Credits 15</p>	
Semester 3 or 4 (Fall Semester) MATH 2238 Differential Equations and Linear Algebra 5 cr MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives 9 cr <p style="text-align: right;">Total Credits 14</p>		Semester 3 or 4 (Spring Semester) MATH 2237 Multivariable and Vector Calculus 5 cr Program Elective 4 cr MATH 2350 Introduction to Mathematical Statistics or MATH 2218 Discrete Mathematics MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives 6 cr <p style="text-align: right;">Total Credits 15</p>	

Course descriptions can be found at: <https://www.rctc.edu/academics/courses/course-descriptions>.

RECOMMENDED PART-TIME COURSE SEQUENCE			
<i>Not all courses are scheduled every semester. See course schedule: https://eservices.minnstate.edu/registration/search/basic.html?campusid=306.</i>			
Semester 1 FYEX 1000 College Success Strategies 1 cr ENG 1117 Reading and Writing Critically I (Goal 1) 4 cr MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives 3 cr <p style="text-align: right;">Total Credits 8</p>		Semester 2 MATH 1127 Calculus I (Goal 4) 5 cr MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives 3 cr <p style="text-align: right;">Total Credits 8</p>	
Semester 3 or 4 (Fall Semester) MATH 1128 Calculus II 5 cr ENGL 1118 Reading & Writing Critically II (Goal 1) 4 cr <p style="text-align: right;">Total Credits 9</p>		Semester 3 or 4 (Spring Semester) Program Elective 4 cr MATH 2350 Introduction to Mathematical Statistics or MATH 2218 Discrete Mathematics MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives 3 cr <p style="text-align: right;">Total Credits 7</p>	

Semester 5 or 6 (Fall Semester) MATH 2238 Differential Equations and Linear Algebra MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives Total Credits	5 cr 3 cr 8	Semester 5 or 6 (Spring Semester) MATH 2237 Multivariable and Vector Calculus MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives Total Credits	5 cr 3 cr 8
Semester 7 Communications (Goal 1) COMM 1114 Fundamentals of Public Speaking or COMM 1130 Interpersonal Communication MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives Total Credits	3 cr 3 cr 6	Semester 8 MnTC (Goal 3, 5, 6, 7, 8, 9, or 10) electives Total Credits	6 cr 6

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