Mathematics Transfer Pathway   Associate of Arts (AA) Degree | 60 credits
Campus: Hibbing, Grand Rapids-Itasca, Mesabi Range-Virginia, Rainy River-Intl. Falls, Vermilion-Ely

Required Content Area Courses (17 credits)

MATH	1311	Calculus 1, 5 cr.
MATH	1312	Calculus 2, 4 cr.
MATH	2313	Calculus 3, 4 cr.
MATH	2321	Differential Equations and Linear Algebra, 4 cr.

Required MNTC Core Courses (35 credits minimum)

Goal 1	**Communication** (10 credits required)

COMM course, 3 cr.

ENGL 1231 College Composition 1, 4 cr.

One of the following:

ENGL 1232 College Composition 2, 3 cr.

ENGL 1240 Technical Report Writing, 3 cr.

Goal 2	**Critical Thinking** Complete upon MnTC Completion (embedded in all courses of the Minnesota Transfer Curriculum)

Goal 3	**Natural Sciences** Complete with Lab Science and another course (7 credits required, 1 lab science minimum)

Goal 4	**Mathematics/Logical Reasoning** (Fulfilled by Required Content Area Courses)

Goal 5	**History and the Social and Behavioral Sciences** Two disciplines minimum (9 credits required)

Goal 6	**The Humanities and the Fine Arts** Two areas required (9 credits required)

Goals 7-10	Many courses from Goals 1-6 also meet these requirements

Goal 7	**Human Diversity** One course

Goal 8	**Global Perspectives** One Course

Goal 9	**Ethical and Civic Responsibility** One course

Goal 10	**People and the Environment** One course

Additional AA Requirements

One Physical Activity/Competitive Sports course (1 credit required)
One Wellness/Health course (2 credits required)

Electives

Select any courses numbered 1000 or above to total 60 credits for the Associate of Arts Degree.

Graduation Requirements
- Complete all required content area courses.
- Complete all ten Goals of the MnTC (40 credits).
- Complete Additional AA Requirements.
- 2.0 minimum GPA required for both the MnTC and AA degree.
- Transfer courses with grades of A-D will be included in the GPA calculation for MnTC.

Program Description

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.

Universities within the Minnesota State system include Bemidji State University; Metropolitan State University; Minnesota State University, Mankato; Minnesota State University Moorhead; Southwest Minnesota State University; St. Cloud State University; and Winona State University.