

St. Cloud Technical & Community College Math Curriculum Offerings

<u>Course Number and Name</u>	<u>Credits</u>	<u>Course Information and Minimum Registration Requirements</u>
MATH 0720 Math Literacy	MATH 0720 1 course - 6 credits	MATH 0720 Math Literacy This developmental course has minimum reading requirements . Click on the course title in eServices for detailed information. Students are encouraged to take the Math Accuplacer exam if they have not done so.
MATH 0831 Bridge to Quantitative Reasoning + MATH 1331 Quantitative Reasoning	Corequisite (2 courses) MATH 0831 3 credits MATH 1331 3 credits Must register for both courses	MATH 0831 Bridge to Quantitative Reasoning and MATH 1331 Quantitative Reasoning This course allows students to complete a goal area 4 Math requirement by offering this Corequisite to MATH 1331 <i>Quantitative Reasoning</i> . ● Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include one of the following : Accuplacer NG Arithmetic: 242 Accuplacer NC Quantitative Reasoning: 237 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1146 SAT Math Test: 530 ACT Math Score: 19 HS GPA Math score: 4 MATH 0720 <u>or</u> MATH 0840
MATH 0860 Beginning Algebra for STEM Students	MATH 0860 4 credits	MATH 0860 Beginning Algebra for STEM Students This developmental course is an excellent option for students seeking STEM or education tracks. Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include one of the following : Accuplacer NG Arithmetic: 242 Accuplacer NC Quantitative Reasoning: 237 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1146 SAT Math Test: 530 ACT Math Score: 19 HS GPA Math score:4 MATH 0720 <u>or</u> MATH 0831 <u>or</u> MATH 0840
MATH 0941 Bridge to Elements of Math I + MATH 1341 Elements of Math I	Corequisite (2 courses) MATH 0941 3 credits MATH 1341 3 credits Must register for both courses	MATH 0941 Bridge to Elements of Math I and MATH 1341 Elements of Math I These courses allow students to complete a MNTC goal area 4 Math requirement by offering this Corequisite to MATH 1341 <i>Elements of Math I</i> . ● Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include one of the following : Accuplacer NG Arithmetic: 265 Accuplacer NC Quantitative Reasoning: 250 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1150 SAT Math Test: 530 ACT Math Score: 20 MATH 0840, 0860, 0945, 0951, 0960, 0975, 1331, 1345, 1350 <u>or</u> 1351

- Students who test into the Corequisite option; this is an excellent opportunity to earn a college level course in one semester.
- Students will be placed in the appropriate level according to their scores and desired program pathway.
- To move on from each developmental education course, students must earn a minimum grade of "C".
- This information is subject to change. Please connect with an advisor when choosing your courses.

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<p>MATH 0945 Bridge to Elements of Math II + MATH 1345 Elements of Math II</p>	<p>Corequisite (2 courses) MATH 0945 3 credits MATH 1345 3 credits</p> <p style="text-align: center;">Must register for both courses</p>	<p>MATH 0945 <i>Bridge to Elements of Math II</i> and MATH 1345 <i>Elements of Math II</i> These courses allow students to complete a goal area 4 Math requirement by offering this Corequisite to MATH 1345 <i>Elements of Math II</i>.</p> <ul style="list-style-type: none"> ● Click on the course title in eServices for <u>minimum reading requirements</u> ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NG Arithmetic: 265 Accuplacer NC Quantitative Reasoning: 250 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1150 SAT Math Test: 530 ACT Math Score: 20 MATH 0840, 0860, 0941, 0951, 0960, 0975, 1331, 1340, 1341, <u>or</u> 1351
<p>MATH 0951 Bridge to Statistics + MATH 1351 Statistics</p>	<p>Corequisite (2 courses) MATH 0951 3 credits MATH 1351 4 credits</p> <p style="text-align: center;">Must register for both courses</p>	<p>MATH 0951 <i>Bridge to Statistics</i> and MATH 1351 <i>Statistics</i> These courses allow students to complete a goal area 4 Math requirement by offering this Corequisite to MATH 1351 <i>Statistics</i>.</p> <ul style="list-style-type: none"> ● Click on the course title in eServices for <u>minimum reading requirements</u> ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NG Arithmetic: 250 Accuplacer NC Quantitative Reasoning: 237 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1146 HS GPA Math score: 4 SAT Math Test: 530 ACT Math Score: 19 MATH 0720, 0831, 0840, 0860, 0941, 0945, 0960, <u>or</u> 0975
<p>MATH 0960 Intermediate Algebra for College Algebra Students + MATH 1360 College Algebra</p>	<p>Corequisite (2 courses) MATH 0960 3 credits MATH 1360 3 credits</p> <p style="text-align: center;">Must register for both courses</p>	<p>MATH 0960 <i>Intermediate Algebra for College Algebra Students</i> and MATH 1360 <i>College Algebra</i> These courses allow students to complete a MNTC goal area 4 Math requirement by offering this Corequisite to MATH 1360 <i>College Algebra</i>.</p> <ul style="list-style-type: none"> ● Click on the course title in eServices for <u>minimum reading requirements</u> ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NC Quantitative Reasoning: 260 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1150 SAT Math Test: 530 ACT Math Score: 20 MATH 0840, 0860, 0941, 0945, 0951, 1331, <u>or</u> 1351

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<p>MATH 0975 Intermediate Algebra for STEM Students</p>	<p>MATH 0975 4 credits</p> <p>Offered summer semester only</p>	<p>MATH 0975 <i>Intermediate Algebra for STEM Students</i> This developmental course currently offered only during summer semester.</p> <ul style="list-style-type: none"> Click on the course title in eServices for minimum reading requirements Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NC Quantitative Reasoning: 260 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1150 SAT Math Test: 530 ACT Math Score: 20 MATH 0840, 0860, 0941, 0945, 0951, 1331, <u>or</u> 1351
<p>MATH 1331 Quantitative Reasoning</p>	<p>MATH 1331 3 credits</p>	<p>MATH 1331 - <i>Quantitative Reasoning</i> (MNTC Goal area 4 Math course)</p> <ul style="list-style-type: none"> Click on the course title in eServices for minimum reading requirements Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NG Arithmetic: 272 Accuplacer NC Quantitative Reasoning: 260 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1150 SAT Math Test: 530 ACT Math Score: 20 MATH 0831, 0840, 0860, 0941, 0945, 0960, <u>or</u> 0975
<p>MATH 1341 Elements of Math I</p> <p>MATH 1345 Elements of Math II</p>	<p>MATH 1341 3 credits MATH 1345 3 credits</p> <p><u>Note:</u> MATH 1341 <u>and</u> MATH 1345 have same placement level and can be taken in any order.</p> <p>Courses are designed to prepare elementary, early childhood, and special education teacher pathways.</p>	<p>MATH 1341 – <i>Elements of Math I</i> (MNTC Goal area 4 Math course - see note below) MATH 1345 - <i>Elements of Math II</i> (MNTC Goal area 4 Math course - see note below)</p> <ul style="list-style-type: none"> Click on the course title in eServices for minimum reading requirements Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NC Quantitative Reasoning: 272 Accuplacer NG Advanced Algebra Functions: 250 MN Comprehensive Assessment Math: 1158 SAT Math Test: 530 ACT Math Score: 22 HS GPA Math score: 4 Multiple Measures QAS MCA: 1 Multiple Measures QAS Accuplacer: 1 MATH 0941, 0960, 0975, <u>or</u> 1351 <p>Elements of Math I and II are designed to prepare elementary, early childhood, and special education teacher candidates for future study of math teaching methods and the classroom. The two courses have the same placement level and can be taken in any order.</p>

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<p>MATH 1351 Statistics</p>	<p>MATH 1351 4 credits</p>	<p>MATH 1351 – Statistics (MNTC Goal area 4 Math course) <ul style="list-style-type: none"> ● Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NC Quantitative Reasoning: 260 Accuplacer NG Advanced Algebra Functions: 237 MN Comprehensive Assessment Math: 1150 SAT Math Test: 530 ACT Math Score: 20 MATH 0840, 0941, 0945, 0951, 0960, 0975, 1331, <u>or</u> 1360 </p>
<p>MATH 1360 College Algebra</p>	<p>MATH 1360 3 credits</p>	<p>MATH 1360 College Algebra (MNTC Goal area 4 Math course) <ul style="list-style-type: none"> ● Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NG Advanced Algebra Functions: 250 MN Comprehensive Assessment Math: 1158 SAT Math Test: 530 ACT Math Score: 22 MATH 0960 or 0975 </p>
<p>MATH 1370 College Trigonometry</p>	<p>MATH 1370 3 credits</p>	<p>MATH 1370 College Trigonometry (MNTC Goal area 4 Math course) <ul style="list-style-type: none"> ● Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NG Advanced Algebra Functions: 260 ACT Math Score: 22 MATH 1360 </p>
<p>MATH 1380 Precalculus</p>	<p>MATH 1380 5 credits</p>	<p>MATH 1380 Precalculus (MNTC Goal area 4 Math course) <ul style="list-style-type: none"> ● Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NG Advanced Algebra Functions: 250 MN Comprehensive Assessment Math: 1158 SAT Math Test: 530 ACT Math Score: 22 MATH 0960 <u>or</u> 0975 </p>
<p>MATH 2311 Calculus I</p>	<p>MATH 2311 5 credits</p>	<p>MATH 2311 Calculus I (MNTC Goal area 4 Math course) <ul style="list-style-type: none"> ● Click on the course title in eServices for minimum reading requirements ● Minimum math requirements for this corequisite option include <u>one of the following</u>: Accuplacer NG Advanced Algebra Functions: 263 ACT Math Score: 28 MATH 1321, 1370 <u>or</u> 1380 </p>
<p>MATH 2321 Calculus II</p>	<p>MATH 2321 5 credits</p>	<p>MATH 2321 Calculus II (MNTC Goal area 4 Math course) Pre-requisite is MATH 2311 <i>Calculus I</i> Success in Calculus II relies on prior knowledge from Calculus I</p>
<p>MATH 2330 Calculus III</p>	<p>MATH 2330 5 credits</p>	<p>MATH 2330 Calculus III (MNTC Goal area 4 Math course) Pre-requisite is MATH 2321 <i>Calculus II</i> Success in Calculus III relies on prior knowledge from Calculus II.</p>
<p>MATH 2350 Differential Equations with Linear Algebra</p>	<p>MATH 2350 4 credits</p>	<p>MATH 2350 Differential Equations with Linear Algebra (MNTC Goal area 4 Math course) Pre-requisite is MATH 2321 <i>Calculus II</i> Calculus III and Differential Equations with Linear Algebra can be taken in any order.</p>

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