

Currently Enrolled in Algebra II

Transitional Math QLS	Discrete Math	Trigonometry	Statistics DC (Dual Credit MATH 111)	Honors AP Statistics
Length: 1 semester (1 st semester only)	Length: 1 semester	Length: 1 semester	Length: 1 semester	Length: 1 year
Prerequisite: Must have completed 3 math credits	Prerequisite: Algebra II	Prerequisite: Algebra II	Prerequisite: Algebra II with a C or better AND approved COMPASS placement score or ACT score of 22 or SAT score of 520.	Prerequisite: Algebra II with an A or better and teacher recommendation.
Standard level course that serves as a gateway for students to effectively transition from high school to college mathematics courses. Successful completion of this course (grade of C- or better) will allow a student to waive any placement exam for Illinois community colleges and place directly into a credit-bearing mathematics course for up to 18 months after completion of the course.	Standard level course that explores modern applications of mathematics including apportionment, graph theory, game theory, fair division, and financial mathematics.	Standard level course that studies trigonometric functions, polar coordinates, and vectors.	Standard level course that is a non-calculus based statistics course. A passing score in the class gains credit for MATH 111 at ICC which is transferable to all in-state public schools and/or nursing schools. Credit not guaranteed to transfer to private and out-of-state schools.	Honors level course that is the equivalent to a non-calculus based statistics course. A passing score on the AP examination leads to credit to practically any in-state or out of state public or private school.
Recommended for any standard level, college bound student who may not be prepared for college level mathematics.	Recommended for any standard level student seeking a 4 th year of mathematics. Strongly recommended for any student interested in Computer Science/ Programming.	Recommended for students pursuing a degree in a STEM field such as engineering, chemistry, medicine, etc.	Recommended for students planning a career in a non-STEM field such as nursing or education. Especially valuable for students looking to apply to community colleges and/or in-state public schools.	Recommended for students capable of learning statistics at an honors level for either STEM or non-STEM careers. Especially valuable for students looking to apply to private and/or out-of-state schools.

Currently Enrolled in Honors Algebra II with Trigonometry

Honors Pre-Calculus	Honors AP Statistics	Honors AP Calculus AB	Statistics DC (Dual Credit MATH 111)	Discrete Math
<p>Length: 1 year</p> <p>Prerequisite: Honors Algebra II w/ Trig with a B- or better.</p> <p>Honors level course designed to prepare students for AP Calculus BC their senior year.</p>	<p>Length: 1 year</p> <p>Prerequisite: passed Honors Algebra II w/ Trig</p> <p>Honors level course that is the equivalent to a non-calculus based statistics course. A passing score on the AP examination leads to credit to practically any in-state or out of state public or private school.</p>	<p>Length: 1 year</p> <p>Prerequisite: Honors Algebra II w/ Trig with a B- or better</p> <p>Honors level course which is the equivalent to college Calculus I. A passing score on the AP examination leads to credit to practically any in-state or out of state public or private school.</p>	<p>Length: 1 semester</p> <p>Prerequisite: passed Honors Algebra II w/ Trig AND approved COMPASS placement score or ACT score of 22 or SAT score of 520.</p> <p>Standard level course that is a non-calculus based statistics course. A passing score in the class gains credit for MATH 111 at ICC which is transferable to all in-state public schools and/or nursing schools. Credit not guaranteed to transfer to private and out-of-state schools.</p>	<p>Length: 1 semester</p> <p>Prerequisite: passed Honors Algebra II w/ Trig</p> <p>Standard level course that explores modern applications of mathematics including apportionment, graph theory, game theory, fair division, and financial mathematics.</p>
<p>Recommended for current sophomores planning on taking either Calculus AB or BC their senior year or current juniors seeking a college major that will require Calculus I and beyond.</p>	<p>Recommended for students capable of learning statistics at an honors level for either STEM or non-STEM careers. Especially valuable for students looking to apply to private and/or out-of-state schools.</p> <p>*If you know what college you will be attending, research that school's AP and Dual Credit transfer equivalencies*</p>	<p>The jump from Algebra II/Trig to AP Calculus AB is best for current juniors that are enrolled in Honors Algebra II with Trigonometry and seeking Advanced Placement credit.</p>	<p>Recommended for students planning a career in a non-STEM field such as nursing or education. Especially valuable for students looking to apply to community colleges and/or in-state public schools.</p> <p>*If you know what college you will be attending, research that school's AP and Dual Credit transfer equivalencies*</p>	<p>Recommended for any standard level student seeking a 4th year of mathematics. Strongly recommended for any student interested in Computer Science/ Programming.</p>

Currently Enrolled in Honors Pre-Calculus

Honors AP Calculus AB	Honors AP Calculus BC	Honors AP Statistics	Statistics DC (Dual Credit MATH 111)	Discrete Math
<p>Length: 1 year</p> <p>Prerequisite: passed Honors Pre-Calculus</p> <p>Honors level course which is the equivalent to college Calculus I. A passing score on the AP examination leads to credit to practically any in-state or out of state public or private school.</p>	<p>Length: 1 year</p> <p>Prerequisite: Honors Pre-Calculus with a minimum of B-</p> <p>Honors level course which is the equivalent to college Calculus I and II. A passing score on the AP examination leads to credit for both Calculus I and II to practically any in-state or out of state public or private school.</p>	<p>Length: 1 year</p> <p>Prerequisite: none</p> <p>Honors level course that is the equivalent to a non-calculus based statistics course. A passing score on the AP examination leads to credit to practically any in-state or out of state public or private school.</p>	<p>Length: 1 semester</p> <p>Prerequisite: approved COMPASS placement score or ACT score of 22 or SAT score of 520.</p> <p>Standard level course that is a non-calculus based statistics course. A passing score in the class gains credit for MATH 111 at ICC which is transferable to all in-state public schools and/or nursing schools. Credit not guaranteed to transfer to private and out-of-state schools.</p>	<p>Length: 1 semester</p> <p>Prerequisite: none</p> <p>Standard level course that explores modern applications of mathematics including apportionment, graph theory, game theory, fair division, and financial mathematics.</p>
<p>Recommended for seniors pursuing a degree or career that only requires Calculus I.</p>	<p>Recommended for our strongest seniors (especially those who are excellent test-takers) interested in careers in math, science, engineering, business, and medical fields that require both Calculus I and II.</p>	<p>Recommended for students capable of learning statistics at an honors level for either STEM or non-STEM careers. Especially valuable for students looking to apply to private and/or out-of-state schools.</p> <p>*if you know what college you will be attending, research that school's AP and Dual Credit transfer equivalencies*</p>	<p>Recommended for students planning a career in a non-STEM field such as nursing or education. Especially valuable for students looking to apply to community colleges and/or in-state public schools.</p> <p>*if you know what college you will be attending, research that school's AP and Dual Credit transfer equivalencies*</p>	<p>Recommended for any standard level student seeking a 4th year of mathematics. Strongly recommended for any student interested in Computer Science/ Programming.</p>

School	AP Statistics	Statistics DC (MATH 111 Dual Credit)
ICC	MATH 111 (3 or higher)	MATH 111
Illinois State University	MQM 100 (3 or higher)	ECO 138
	These courses are interchangeable and equivalent for almost all majors outside of some business majors. Check the ISU course catalog for your major.	
Bradley University	MATH 111 (3 or higher)	MATH Elective Credit MATH 111 for nursing, FCS, and sports communication majors only
University of Illinois Urbana-Champaign	STAT 100 (4 or higher)	STAT 100
SIUC	MATH 101 (3) MATH 282 (4 or 5)	MATH 282
SIUE	STAT 244 (3 or higher)	STAT 107
Western Illinois University	STAT 171 (3 or higher)	STAT 171
Eastern Illinois University	MAT 2250G (3 or higher)	MAT 2250G
Eureka College	MAT 260 (4 or higher)	MAT 260
Northern Illinois University	STAT 208	STAT 208