

Science, Technology, Engineering & Math STEM: What Math Class Should I Take?

Informed Guided Placement:

The major factors that go into determining which math class at OC is right for you include your high school grades and coursework, as well as your future academic goals. Additional ways to place into a math class involve scores from standardized tests or transfer credit of math courses completed at other colleges. The chart on the back of this paper lays out the California State Chancellor's Office recommended placement options for students majoring in a STEM field.

The information provided does not replace advisement from an Oxnard College counselor

There are FOUR factors that can be considered for placement:

- 1) California State Chancellor's Office recommended placement as listed below
- 2) Placement using high school coursework and grades:
For direct placement into 100 level math, see a counselor.

Oxnard College Math Placement based on High School coursework	Oxnard College Math Course		
Passed Calculus BC with C or better in the last semester of the HS course and AP score ≤ 2 (See an Oxnard College Counselor for advisement)	R115	R116	R120
Passed Calculus AB with C or better in the last semester of the HS course and AP score ≤ 2 (See an Oxnard College Counselor for advisement)	R115	R116	R120
Passed Precalculus with B or better in the last semester of the HS course	R115	R116	R120
Passed College Algebra with B or better in the last semester of the HS course	R115	R116	
Passed Integrated Math 3/Algebra II with an A in the last semester of the HS course	R115	R116	
For students who are Business, Science, Technology, Engineering or Mathematics majors and prefer to start in Elementary/Intermediate Algebra	Math R015 Course is AA applicable		
For students who did not complete Math 3 or Algebra II, dropped out of school before 10th grade, experienced learning difficulties, were in Special Education classes in high school, or struggle with math anxiety	Please contact OC Counseling (805) 678-5816 or Educational Assistance Center (805) 678-5830		

- 3) Results on standardized tests such as CASP, EAP, SAT , ACT, or AP
- 4) Counselor recommendation based on the OC Multiple Measures Assessment

Advance Placement Exams

- AP Exam for **Calculus BC** with a score of 3 or better is equivalent Math R121
- AP Exam for **Calculus AB** with a score of 3 or better is equivalent Math R120
- AP Exam for **Statistics** with a score of 3 or better is equivalent Math R105

Students need to bring official transcripts to Registrar's Office and see an OC Counselor for more information.

<p>Oxnard College Courses: Math R015 Elementary & Intermediate Algebra Math R115 College Algebra Math R116 College Trigonometry Math R120 Calculus with Analytic Geometry I</p>
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*****IF YOU HAVE ANY QUESTIONS ABOUT PLACEMENT, OR ARE UNSURE OF YOUR ACADEMIC GOALS, SEE A COUNSELOR**

STEM Fields State Math Placement Recommendation for Fall 2019

Examples of general courses of study requiring Calculus as a transfer class: Biological Sciences, Chemistry, Information Technology, Economics, Engineering, Geography, Mathematics, or Physics

Placement here is for entry level math courses. For direct placement into Calculus, see a counselor.

Students who have been out of school for more than 10 years are strongly encouraged to meet with a counselor

Option 1

Option 2

Option 3

This is for students who have a **cumulative HSGPA of 3.4 or higher, completed Integrated Math 3 or Algebra II, AND** have graduated high school within the last 10 years.

RECOMMENDED for students who were enrolled in **High School Precalculus AND** graduated high school within the last 10 years

This is for any student who prefer to start in Elementary/Intermediate Algebra. This is a 3 – 4 semester path through Calculus I

OR

OR

OR

This is for students who have a **cumulative HSGPA between 2.6 & 3.3, enrolled in a HS Calculus course, AND** graduated high school within the last 10 years

RECOMMENDED for students who have a **cumulative HSGPA of 2.6 or higher, completed Integrated Math 3 or Algebra II, AND** have graduated high school within the last 10 years.

STRONGLY RECOMMENDED for students who have been **out of school for 10 years or more.**

OR

OR

OR

Counselor Recommendation based on OC Multiple Measure Assessment

STRONGLY RECOMMENDED for students who have a **cumulative HSGPA of 2.6 or lower, completed Integrated Math 3 or Algebra II, AND** graduated high school within the last 10 years

STRONGLY RECOMMENDED for students who **did not complete Integrated Math 3 or Algebra 2** in high school within the last 10 years

OR

Counselor recommendation based on OC Multiple Measure Assessment



Semester 1

Semester 1

Semester 1

Math R115
College Algebra
4 units

**AA Applicable/ Transferrable

Math R115
College Algebra
4 units

**AA Applicable/Transferrable

Math R015
Beginning & Intermediate Algebra
6 units
**AA Applicable

Semester 1 or 2

WITH

Semester 2

Math R116
Trigonometry
3 units

(Can be taken simultaneously with Math R115)

**AA Applicable/ Transferrable

Math R065S
Algebra Support for Math R115
2 units

Semester 2

Choice of Classes:
Math R115
4 units
----- OR -----

Math R115 and Math R065S
Total of 6 units

**Math R115 is AA Applicable/ Transferrable

Semester 2 or 3

Semester 3

Semester 3

Math R120 Calculus I
5 Units

**AA Applicable/Transferrable

Math R120 Calculus I
5 Units

**AA Applicable/Transferrable

Math R120 Calculus I
5 Units

**AA Applicable/Transferrable