



Mathematics

What To Take Next?

1

What is your major or intended career?

Knowing your major or intended career is essential to selecting the right prep or gen ed math course! Look up the math course required for your major in HCC's catalog.

If you have not yet selected a major, you may want to speak with an advisor.

2

Will you be transferring to a 4-year school?

Plan ahead! If you think you'll be transferring to a 4-year school, look at that school's catalog to see if a certain math class is required for your major.

4

So, what math class do you need?

- If you are ready for a gen ed math class and your major and/or transfer school lists a specific course requirement, take that class!
- ***If you need a prep course and your major requires MAT-101 or MAT-114, you must take MAT-090 first.***
- ***If you need a prep course and your major requires MAT-109 or MAT-115, you must take MAT-095 first.***
- ***If you need a prep course and your major requires both MAT-101 and MAT-109, you should take MAT-090 first.***

3

Are you ready for college-level math?

The four college-level gen ed math courses are:
MAT-101 College Algebra
MAT-109 Statistics
MAT-114 Applied Algebra
MAT-115 Quantitative Reasoning

You may enroll in one of these college-level gen ed math courses if you have:

- passed MAT 090, MAT 095, or MAT 100
- earned a 530 or higher on the SAT
- earned a 21 or higher on the ACT
- earned a 45 or higher on the Accuplacer College Level Math test
- earned a 263 or higher on the NextGen Accuplacer Quantitative Reasoning, Algebra & Statistics test
- earned a 237 - 262 on the NextGen Accuplacer Advanced Algebra and Functions test
- earned a 165 or higher on the GED math test
- a 3.0 or higher unweighted high school GPA

If you do not meet one of these eight criteria, you will need to take a prep course first.

5

Do you need help deciding?

Please speak to your faculty advisor or advising staff in the Student Center.

Keep in mind:

- both MAT-101 and MAT-114 are algebra based
- both MAT-109 and MAT-115 are logic/reasoning based