

# Math Department Policies:

There are three calculus tracks, which contain overlapping material:

- Highest Track: MTH 171/172
- Middle Track: MTH 161/162
- Lowest Track: MTH 141/142/143

## Overlapping Rules:

Students may not obtain credit for more than one course on a particular line; this does not include AP credit.

- MTH 141, MTH 161, MTH 171
- MTH 143, MTH 162, MTH 172
- MTH 173, MTH 235
- MTH 164, MTH 174
- MTH 210, MTH 210H
- MTH 236, MTH 236H
- MTH 240, MTH 240H
- MTH 265, MTH 265H

The first year calculus sequences should be taken in order (141-142-143/161-162/171-172). For example, students cannot take MTH 161 after completing MTH 162 or 172. Students cannot take MTH 141 or 142 after completing MTH 143, 162, or 172.

## Repeat Rules:

Students must take the exact course to replace grades or credit, with a few exceptions:

- MTH 142 can be used as a repeat of MTH 161 (*or* students can keep credit for both classes). ***Please consult an adviser in CCAS if you would like to keep credit for both!***
- If a student takes MTH 141 after earning credit for MTH 161, they lose credit for MTH 141
- MTH 210 can be used as a repeat of MTH 210H
- MTH 236 can be used as a repeat of MTH 236H
- MTH 240 can be used as a repeat of MTH 240H
- MTH 265 can be used as a repeat of MTH 265H

# Advanced Placement

The Department of Mathematics gives credit and placement to students who have taken the CEEB Advanced Placement examinations in mathematics (Calculus AB and Calculus BC) as follows:

**Updated spring 2016:** AB 2-3 and BC 2 credit valid through graduating class 2019

- ~~**AB 2-3:** Student will be registered in MTH 161, 162, or 171 after an interview. If registered in MTH 162 or 171, upon successful completion of that course ("C-" or better), student will receive one semester advanced placement credit.~~
- ~~**BC 2:** Student will be registered in MTH 162, 171, or 161 after an interview. If registered in MTH 162 or 171, upon successful completion of that course ("C-" or better), student will receive one semester advanced placement credit.~~
- **AB 4-5:** Student will be registered in MTH 162 or 171 with one semester advanced placement granted.
- **BC 3:** Student will be registered in MTH 162 or 171 with one semester advanced placement granted.
- **BC 4-5:** Student will be registered in MTH 164, 165, 171, or, in exceptional cases, in MTH 173. A student registering for MTH 171 will receive one semester of advanced placement credit. Otherwise, the student will receive two semesters of advanced placement credit.

Students who receive A.P. credit for MTH 161 may register for MTH 162 or 171. MTH 171 is particularly recommended for students interested in mathematics, physics, or theoretical engineering who would like to gain a deeper knowledge of how and why calculus works so effectively.

Advanced placement is only into courses of the 160 sequences or on rare occasions for extraordinarily well-prepared students into the 170 sequences. There is no advanced placement in the 140 sequence.