



Engineering math and physics sequencing

Fall (1 st Semester)	MAT 171 Pre-calculus Algebra*
Spring (2nd semester)	MAT 172 Pre-calculus Trigonometry
Summer (3rd semester)	MAT 271 Calculus I**
Fall (4th semester)	MAT 272 Calculus II & PHY 251 General Physics I***
Spring (5th semester)	MAT 273 Calculus III & PHY 252 General Physics II***

*MAT 171 follows DMA 010-080. Student who test out of the DMA sequence are eligible to take a College Level Math Accuplacer placement test to potentially test out of MAT 171 and MAT 172.

**Students who score 3+ in AP Calculus can transfer in MAT 271 Calculus I with official scores from The College Board.

***Note that PHY 251 is only offered in fall semester and PHY 252 is only offered in the spring semester so it is important to make sure you have completed MAT 271 Calculus I prior to the fall of your final year.

Note: **CHM 151** General Chemistry I (prerequisite of **CHM 092** Fundamentals of Chemistry or high school chemistry) is also required. Students are advised to complete this prior to their **MAT 272** Calculus II semester.

We strongly recommend that all students adequately prepare prior to taking placement tests.

-To study for placement in MAT 171 use the **Free Online Algebra Review Course through Udacity**. This section of placement is not required if a student has a Math ACT/SAT score of 22+ (ACT) or 500+ (SAT). ACT/SAT scores expire after 5 years.

-To study for placement in MAT 172 or 271 use the Sample **Math Questions through AIMS Community College**.

Links to both reviews are available through the A-B Tech Testing Center Website: <http://tinyurl.com/p9gqw9p>