

MATH:0100 (22M:001) Basic Algebra I *

MATH:0300 (22M:003)
Basic Geometry *

Students who struggle in 1005 go to 1340; if they do well in 1005 or place with ALEKS, they can go from 1005 to 1380

MATH:1005 (22M:008)
College Algebra**

** These two high-school level courses do not count for graduation or QFR*

MATH:1240 (22M:010)
Finite Mathematics

MATH:1340 (22M:013)
Math for Business***

***Neither 1005 nor 1010 satisfies QFR*

MATH:1440 (22M:015)
Math for Biology

MATH:1020 (22M:009)
Elementary Functions (Pre-calculus)

MATH:1010 (22M:005)
Trigonometry**
Also must have 1005 or 1340 before taking Calc. 1380, 1460, 1550, or 1850

****There is no trigonometry in these two business courses; going to MATH:1460 or 1850 requires ALEKS or MATH:1010*

OR

MATH:1380 (22M:017) ***
Calculus & Matrix Algebra for Business

MATH:1460 (22M:016)
Calculus for Biology

MATH:1550 (22M:031)
Engineering Math I: Single Variable Calculus

MATH:1850 (22M:025)
Calculus I

MATH:1860 (22M:026)
Calculus II

1860 & 2700 can be taken concurrently; Similarly, 2700 & 2850

MATH:2700 (22M:027)
Intro to Linear Algebra

MATH:1560 (22M:032) ****
Engineering Math II: Multi-Variable Calculus
(See Engineering Dept. for further course information)

Both 1860 & 2700 are required for 3800

MATH:3770 (22M:055)
Fundamental Properties of Spaces & Functions I

2850 must be taken concurrently with or before 3600

MATH:3800 (22M:72)
Elem. Numerical Analysis

MATH:3720 (22M:050)
Intro to Abstract Algebra

MATH:2850 (22M:028)
Calculus III

MATH:3600 (22M:100)
Intro to Ordinary Differential Equations

Other course sequences can be approved, e.g. 1340 to 1460 with ALEKS score or taking 1010 1440 or 1340 to 1850 with ALEKS score 1460 or 1380 to 1860 with MPT3 score 1850 to 1560 with Engineering Dept. approval****

Upper-level electives for BA & BS, See page 37