

MATH:0100 Basic Algebra I *

MATH:0300
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 1350

MATH:1005
College Algebra**

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

MATH:1240
Finite Mathematics

MATH:1340
Math for Business***

***Neither 1005 nor 1010 satisfies QFR*

MATH:1440
Math for Biology

MATH:1020
Elementary Functions
(Pre-calculus)

MATH:1010
Trigonometry**
Also must have 1005 or 1340 before taking Calc. 1350, 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:1350
Quantitative Reasoning
for Business***

MATH:1460
Calculus for Biology

MATH:1550
Engineering Math I:
Single Variable Calculus

MATH:1850
Calculus I

MATH:1860
Calculus II

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

MATH:2700
Intro to Linear Algebra

MATH:1560 ****
Engineering Math II:
Multi-Variable Calculus

*****See Engineering Dept. for further course information*

MATH:3770
Fundamental Properties of
Spaces & Functions I

Both 1860 & 2700 are required for 3800

MATH:3800
Elem. Numerical Analysis

MATH:3720
Intro to Abstract Algebra I

2850 must be taken concurrently with or before 3600

MATH:2850
Calculus III

MATH:3600
Intro to Ordinary
Differential Equations

Upper-level electives for BA & BS, See Math Course Offerings

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 1350 to 1860 with MPT3 score 1850 to 1560 with Engineering Dept. approval****