

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\*\*\*\*