How Much Math Do I Need? (Math, Engineering, Statistics, Science (see your degree plan) or Computer Science Majors)

**Normal Track**

**STEM Students**

MATH 0300 Basic Mathematics (Developmental) - AR <57, EAR <42, THEA ≤129

MATH 0301 Prealgebra (Developmental) - AR > 57, EAR 42 - 52, THEA 140-179

MATH 0302 Elementary Algebra (Developmental) - EAR 53-71, THEA 180-229

MATH 0303 Intermediate Algebra (Developmental) - EAR 72-99, THEA 230-269 or

*MATH 0100 Special Topics/Ready-Set-Go! (Developmental) - EAR 80-99

*This course is a 4-week review of Math 0303. Students must enroll in a 13-week Math 1314 course. Students who do not successfully complete MATH 0100 will be placed in a 12-week MATH 0303 course.

**Fast Track**

MATH 0353 Developmental Math for Math Majors (Developmental) - EAR 53-71, THEA 180-229 or

For students majoring in Chemistry, Computer Science, Mathematics, Mechanical Engineering, Physics, Pre-Engineering, and Statistics. This course is an accelerated course that covers the material in both Math 0302 & Math 0303 in one semester.

**Fast Track**

MATH 1414 College Algebra for STEM majors - This is an intensive course for students who need to continue to Math 2412 Pre-Calculus (College Level) - EAR > 100, THEA > 276, ACT 24-26, SAT 500-560

*ENGR 1201 Intro. to Engineering (College Level)

*ENGR 1304 Engineering Graphics I (College Level)

**ENGR courses are for Mechanical Engineering Students

**Pre-Dental, Pre-Medicine, Pre-Nursing, Pre-Optometry and Pre-Pharmacology please check your degree plan to determine if you need to take Math 2412 or higher. If not, consult the Non-STEM How Much Math Flowchart.

MATH 2412 Precalculus (College Level) - CLM ≥ 85, ACT 25 - 27 and Permission from Math Dept., SAT 561-619 and Permission from Math Dept.

MATH 2413 Calculus I (College Level) - CLM ≥ 103 and Permission from Math Dept. ACT 28+ and Permission from Math Dept. SAT 620+ and Permission from Math Dept.

MATH 2414 Calculus II (College Level)

MATH 2320 Differential Equations (College Level)

MATH 2415 Calculus III (College Level)

MATH 2318 Linear Algebra (College Level)

MATH 2413 Calculus I (College Level) - CLM ≥ 103 and Permission from Math Dept. ACT 28+ and Permission from Math Dept. SAT 620+ and Permission from Math Dept.

**ENGR 2301 Engineering Mechanics I - Statics (College Level)

**ENGR 2302 Engineering Mechanics II - Dynamics (College Level)

**ENGR 2407 Fundamentals of Circuits Analysis (College Level)

MATH 2405 Discrete Mathematics (College Level)

MATH 2406 Discrete Mathematics (College Level)

MATH 2407 Fundamentals of Circuits Analysis (College Level)