

Mathematics Curriculum Changes

Beginning Spring 2017, Marion Technical College (MTC) is transitioning math courses to meet new state requirements and improve student success. Use this planning guide to see when courses are offered. Talk with your advisor about the best plan for earning your degree!

Transition Chart

(x = course offering)

| Status | Course | Fall 2016 | Spring 2017 | Summer 2017 | Fall 2017 |
|---------------------------|-------------------------------------|-----------|-------------|-------------|-----------|
| Phasing Out in 2016-17 | MTH0980 Basic College Math | x | | | |
| | MTH0990 Pre-Algebra | x | | | |
| | MTH1100 Beginning Algebra | x | x | | |
| | MTH1150 Intermediate Algebra | x | x | | |
| | MTH1200 College Algebra (4 credits) | x | x | | |
| | BUS1100 Business Mathematics | x | x | | |
| | BUS1150 Statistics | | x | | |
| Continuing Beyond 2016-17 | MTH1250 Pre-calculus | x | x | x | x |
| | MTH2000 Calculus I | x | x | x | x |
| | MTH2050 Calculus II | x | x | x | x |
| New in 2017-18 | MTH0910 Mathematical Literacy | | x | x | x |
| | MTH0920 Algebraic Literacy | | x | x | x |
| | MTH1230 Quantitative Reasoning | | | x | x |
| | MTH1240 Statistics | | | x | x |
| | MTH1245 College Algebra (3 credits) | | | x | x |

Our Three New Core College Mathematics Courses.

MTH1230 Quantitative Reasoning (3 credits)

Quantitative Reasoning is a course allowing students exploration in mathematical topics encountered on a day-to-day basis through real-life problems and situations. Students will learn to communicate effectively with numbers. Topics include ratios, rates, percentages, units, descriptive statistics, linear and exponential modeling, correlation, logic, personal finance, and probability.

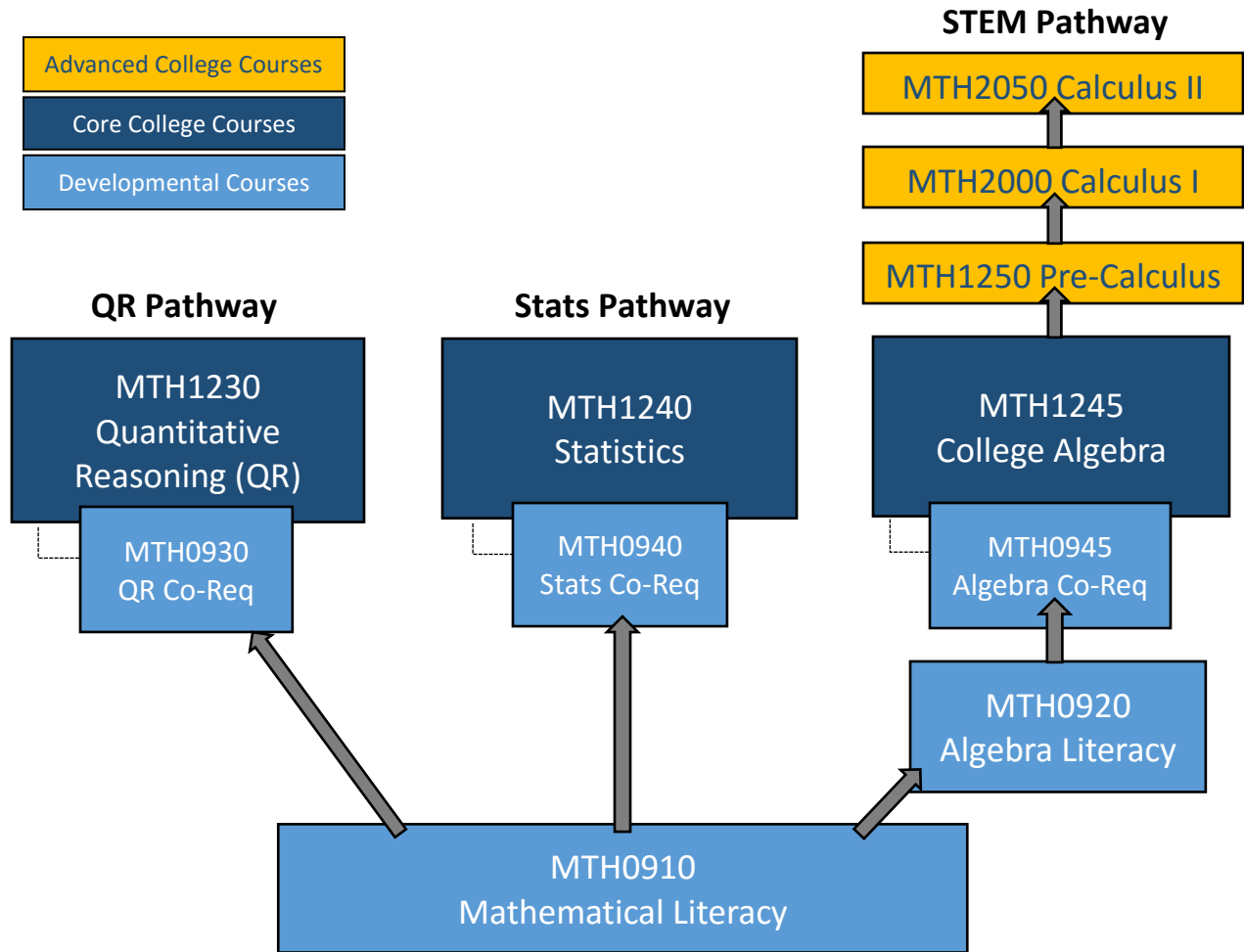
MTH1240 Statistics (3 credits)

Statistics is an introduction to descriptive and inferential statistical methods including point and interval estimation, hypothesis testing, and regression. Real data and appropriate technology will be used.

MTH1245 College Algebra (3 credits)

College Algebra emphasizes the use of algebra and functions in problem solving and modeling. Appropriate use of technology and applying mathematics to real-world situations is emphasized. Topics include relations, functions, graphs, polynomial functions, rational functions, exponentials, logarithms, analytical geometry, and systems of equations.

Math Pathways



Students can enter a math pathway at any course, based on placement guidelines.

Please refer to the math placement guidelines to determine the best starting point for entry into a Math Pathway.

All College-level Courses are transferrable!

All mathematics courses at a 1200 level and higher will be designed to satisfy Ohio Transfer Module requirements. They will be guaranteed to transfer!

What is Co-Requisite Remediation?

Co-requisite remediation increases student success and reduces time to graduation! This allows students who would typically be required to complete a developmental course prior to enrolling into a college level course to enroll in a college level math course with the appropriate co-requisite course. *These students take both courses concurrently.* Not every student will take the co-requisite course.