



Math 3, College Mathematics Fundamentals and Problem Solving

Course Description: MATH 003 College Mathematics Fundamentals and Problem Solving, 3 Units, Laboratory, 3 hours; screening, 3 hours; individual study, 3 hours. Prerequisite(s): a score on the Mathematics Advisory Examination, as determined by the Mathematics Department; restricted to freshman or an approved summer session enrollment; or consent of instructor. Prepares for success in a college-level mathematics course. Focuses on conceptual and problem solving. Emphasizes practicing symbolic reasoning, evaluating expressions, the meaning of quantities, variables, expressions, formulas, changes in quantities, inequalities, systems of equations, and functions (linear, exponential, logarithmic, quadratic, polynomial, rational, radical). **Workload credit only**; Graded Satisfactory (S) or No Credit (NC).

[Math Department course syllabus for Math 3](#)

Frequently Asked Questions about the Mathematics Advisory Exam Results

1. **What does my MAE placement mean?**

In general, students who receive a placement of "Math 3" will enroll in MATH 003, College Mathematics Fundamentals and Problem Solving, as their first college mathematics course. Upon completion of Math 3, your major will determine the next appropriate course for your enrollment. You will continue taking courses until you have completed the mathematics requirements for your major.

2. **What can I do if I still have questions?**

Please find advising information for your college or major at:

[College of Natural and Agricultural Sciences, CNAS](#)

[Bourns College of Engineering, BCOE](#)

[College of Humanities, Arts, and Social Sciences, CHASS](#)

[School of Education](#)

[School of Public Policy](#)

[School of Business](#)

3. **What does “workload credit only” mean?**

Workload credit means that these unit will not count toward the 180 units needed to complete your degree. These units will count toward the units required to be considered a full-time students and will help students maintain eligibility for financial aid.

4. **What if I change my major?**

If you change your major, the Math course(s) you need to take may change. Please go to the MAE website at <https://arc.ucr.edu/mae> and select “Placement Adjustment Process” from the menu on the left.