

# ECON 1078-002 Mathematical Tools for Economists 1

University of Colorado Boulder  
Department of Economics  
Spring 2022

Polynomials: Includes factoring polynomials, division, and rational functions (these skills are often employed in Econ 3070).

Exponential and logarithmic functions used extensively in intermediate economics courses (e.g. when presenting positive, monotonic transformations).

Important function properties and techniques: Includes products and quotients, shifting functions, and composite functions.

**Grading Policies:**

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|------------------|-----|
| Midterm 1 .....  | 20% |
| Midterm 2 .....  | 20% |
| Final Exam ..... | 30% |
| Homework .....   | 20% |
| Attendance ..... | 10% |

because of a family or medical emergency, and only if you provide documentation to justify that ab-

**RELIGIOUS OBSERVATION POLICY:** Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments, or required attendance. If you have a conflict, please make arrangements with me no later than the first week of the semester.

**CODE OF BEHAVIOR POLICY:** Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject to discipline. Faculty has the professional responsibility to treat all students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which we express opinions. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender variance and nationalities.

**DISCRIMINATION AND HARASSMENT POLICY:** CU Boulders policy on Discrimination and Harassment can be found on the university website. The policy on Sexual Harassment and on Amorous Relationships applies to all students, staff and faculty. Any student, staff or faculty member who believes s/he has been the subject of discrimination or harassment based upon race, color, national origin, sex, age, disability, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the ODH and the campus discrimination and harassment resources can be obtained at <http://www.colorado.edu/odh>.

