Moberly Area Community College
Common Syllabus

MTH042 Quantitative Reasoning Corequisite

Current Term

Instructor:
Office number:
Office hours:
Contact information:
Classroom number:
Class days and time:

Catalog Description: MTH042 Quantitative Reasoning Corequisite (3-0-3)
This course provides corequisite support and supplemental instruction for students. Emphasis is placed on experiences that assist students in the acquisition of prerequisite knowledge and enhance the content presented in the accompanying MTH142 Quantitative Reasoning class. Upon completion, students should be able to solve problems, apply critical thinking, collaborate with peers, and communicate effectively. (FA, SP)

Prerequisite: Eligible placement score, grade of “C” or higher in MTH010.

Corequisite: Enrollment in MTH142.

Text(s): There is no additional textbook required beyond that of the MTH142 course.

Other Required Materials: scientific calculator (recommended TI-30XS Multiview)

Purpose of Course:
This course allows students the opportunity to receive “just in time” remediation while enrolled in MTH142 Quantitative Reasoning.

Course Objectives:
Upon successful completion of this course, students will be able to:
- Identify missing or weak prerequisite skills for the MTH142 course
- Communicate math skill deficiencies and proficiencies with an instructor and classmates
- Demonstrate note-taking skills related to the mathematics classroom
- Operate a calculator proficiently and efficiently
- Recognize the resources available to assist with prerequisite skills for the MTH142 course
- Utilize resources to learn, reinforce, and apply prerequisite skills for the MTH142 course
- Demonstrate study skills for MTH142 in-class assessments
- Demonstrate time management skills to balance prerequisite and current skills for MTH142
- Participate in group activities in such a way that promotes learning and camaraderie
The main course objective is to provide individualized, “just in time” remediation of the prerequisite skills needed to be successful in MTH142 Quantitative Reasoning.

**Course Content:**
- Simplify algebraic expressions
- Basic operations with fractions
- Rounding
- Convert amongst decimals, fractions, and percents
- Use order of operations
- Calculate basic percent problems
- Use exponents
- Solve one and two step equations
- Use slope
- Graph linear equations
- Use basic geometry
- Solve proportions

**Assessment of Student Learning:**
This course is a pass/fail course where 70% will be considered a passing grade.

Points will be accumulated by:
- In-class Practice Problems: 90%
- Participation/Attendance: 10%

**In-class Practice Problems:**
- At the start of each class session, students will complete instructor-selected problems from the MTH142 course content. The instructor may choose to have students complete these problems together or independently. Emphasis will be on prerequisite skills, problem-solving skills, and detailed explanations and discussions of the in-class problems.

**Participation/Attendance:**
- Students will be given 10 points per class period for the following criteria:
  - Attendance (2-point deduction for being late; 2-point deduction for leaving early)
  - Coming prepared to class (2 points)
  - Participating in class activities (2 points)
  - Staying on task (2 points)

**Grading Scale:** This course is a pass/fail course where 70% will be considered as a passing grade. A passing grade is earned through participation/attendance in class and accurate completion of in-class practice problems.

The grading scale will be structured as follows:
- A – 90-100%
- B – 80-89%
- C – 70-79%
- D – 60-69%
- F – 0-59%

**How MTH042 and MTH142 are linked:**
- Students must remain enrolled in both MTH042 and MTH142 throughout the semester.
If you drop MTH142 Quantitative Reasoning, you will be dropped from MTH042 Quantitative Reasoning Corequisite.

If you drop MTH042 Quantitative Reasoning Corequisite, you will be dropped from MTH142 Quantitative Reasoning.

If you pass MTH142 Quantitative Reasoning and fail MTH042 Quantitative Reasoning Corequisite, then you earn your college math credit and do not need to repeat the MTH042 course.

If you pass MTH042 Quantitative Reasoning Corequisite and fail MTH142 Quantitative Reasoning, then you will not need to repeat MTH042. You may retake MTH142 Quantitative Reasoning without the corequisite course, MTH042.

Make-up and late work: If you miss a class session, you are required to complete all in-class work for the class session you missed. This may be done outside of class time.

Schedule of Student Assignments/Activities:

- In-class practice problems at the start of each class session

Statement to Connect Course with General Education Outcomes:
In compliance with MACC’s General Education outcomes, the student who successfully completes this course will be able to:

- **Higher Order Thinking:** Students will demonstrate the ability to distinguish among opinions, facts, and inferences; to identify underlying or implicit assumptions; to make informed judgments; to solve problems by applying evaluative standards; and to reflect upon and refine those problem-solving skills. This outcome involves creative thinking, critical thinking, and quantitative literacy.

- **Managing Information:** Students will demonstrate the ability to discern when there is a need for information; and to identify, locate, evaluate, and effectively and responsibly use and share that information for the problem at hand.

College Policies:

**Academic Dishonesty:** MACC board policy is as follows: “Academic dishonesty by students damages institutional credibility and unfairly jeopardizes honest students; therefore, it will not be tolerated in any form.” Forms of academic dishonesty include but are not limited to the following: violations of copyright law, plagiarism, fabrication, cheating, collusion, and other academic misconduct. Incidents of dishonesty regarding assignments, examinations, classroom/laboratory activities, and/or the submission of misleading or false information to the College will be treated seriously. The procedure for handling academic dishonesty is outlined in the Student Handbook (Policy Handbook M.010). In cases of alleged academic dishonesty, the burden of proof is on the student, not on the instructor.

**Attendance Policy:** Students are expected to attend all class sessions for which they are enrolled. The College reserves the right to drop or withdraw students from courses due to lack of attendance.
Students need to be aware that dropping/being dropped from a course and their last date of attendance in the course may impact their financial aid.

MACC faculty are required to track attendance and report lack of attendance. An instructor must complete the appropriate steps to drop a student within one week following the student’s violation of the attendance policy. Additionally, a student’s attendance rate will be calculated based upon the first day the academic session begins (not the student’s date of enrollment in the course). If a student does not attend a course as defined below, the student will be dropped as “Never Attended.”

**Term Length Drop Calculations**

- **16-week:** Any student who misses two (2) consecutive weeks of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

- **8-week:** Any student who misses one (1) consecutive week of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

- **4-week:** Any student who misses two (2) consecutive days of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

- **Intersession:** Any student who misses one (1) day of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

Acceptable justification may include, but is not limited to, family emergencies, illness or injury, college-approved co-curricular and extra-curricular activities, and religious holidays.

**Definition of Course Attendance**

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<tr>
<th>In Seat Course</th>
<th>Physically attending scheduled, face-to-face, class meetings</th>
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<tr>
<td>Virtual Course</td>
<td>Being present, via appropriate platform, for scheduled class meetings/activities</td>
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### Hybrid Course

Physically attending scheduled, face-to-face, class meetings and active participation in the online portion of the course which may include any or all of the following:

- Completion of quizzes or exams during class meetings and online
- Submission of assignments during class meetings and online
- Participation in discussions during class meetings and online

### Online Course

Active participation in an online course includes the following:

- Completion of quizzes or exams
- Submission of assignments
- Participation in threaded discussions

Simply logging into the Learning Management System (Canvas) and/or accessing the course and course related material does not constitute active participation for the online component of hybrid courses or for online courses. *(Policy Handbook, I.090 & M.095)*

**Student Email:** MACC Mail is the official student email system at MACC. Official college communication is sent via this email system. Students are responsible for checking their MACC Mail account regularly. Students may also receive notifications and reminders from MACC through the online learning platform. However, students should remain aware that the online learning platform messaging system and MACC Mail (student email) system are two separate systems.

**ADA Statement:** Students who have disabilities that qualify under the Americans with Disabilities Act may register for assistance through the Office of Access and ADA Services. Students are invited to contact the Access/ADA Office to confidentially discuss disability information, academic accommodations, appropriate documentation and procedures. The Office of Access and ADA Services is located in the Main Library and the phone number is (660) 263-4110 ext. 11240. Students may also contact the Columbia office at 573-234-1067 ext. 12120.

**Title IX Statement:** MACC maintains a strict policy prohibiting sexual misconduct in any form, including sexual harassment, sexual discrimination, and sexual violence. All MACC employees, including faculty members, are considered mandated reporters of sexual misconduct and as such are expected to contact the Title IX Coordinator when they become aware, in conversation or in writing, of an incident of sexual misconduct. For more information on this policy or to learn about support resources, please see [http://www.macc.edu/sexual-misconduct-policy](http://www.macc.edu/sexual-misconduct-policy) or contact Ms. Cheryl Lybarger, MACC’s Title IX Coordinator, at 660-263-4110, ext. 11369 or CherylLybarger@macc.edu.