Moberly Area Community College
Common Syllabus

MTH 080: Support for Technical Mathematics

Current Term

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

Catalog Description: MTH080 Support for Technical Mathematics (1-0-1)
This course provides co-requisite support and supplemental instruction for students who are co-enrolled in the appropriate section of MTH130 Technical Mathematics, with emphasis placed on experiences that enhance the materials presented in the accompanying class. Topics include integers, decimals, fractions, measurement (US and metric), angles, area, perimeter, volume, linear equations, polynomials, and graphs.

Prerequisite: Eligible placement score: ACT: 18 or higher; Compass (pre-Algebra): 60 or higher; Compass (Algebra): 26 or higher

Corequisite: Enrollment in MTH130.

Text(s): There is no additional textbook required beyond that of the MTH130 course.

Other Required Materials:

Purpose of Course: This course is a developmental math course which allows students the opportunity to receive just-in-time remediation so that they may complete their college-level math course.

Course Objectives: Upon successful completion of this course, students will be able to:
- Identify missing or weak prerequisite skills for the MTH130 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 MTH130 course
- Utilize resources to learn, reinforce, and apply prerequisite skills for the MTH130 course
- Demonstrate study skills for MTH130 in-class assessments
- Demonstrate time management skills to balance prerequisite and current skills for MTH130
- 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 MTH130 Technical Mathematics.

**Course Content:**
Follows the content of MTH130 Technical Mathematics

**Connection with Career and Technical Education (CTE) Outcome Statement:**
In compliance with MACC’s CTE outcomes, the student who successfully completes this course will be able to:

- Students will demonstrate an understanding of discipline-related math and scientific principals.
- Student will think critically while systematically assessing problems, identifying issues and implementing solutions.

**Assessment of Student Learning:**
This course is a pass/fail course. Passing the course will be dependent upon student participation during mini-lectures, in-class assignments, group activities, and other various in-class assessment activities. Students must remain enrolled in both MTH080 and MTH130 throughout the semester.

**Grading Scale:**
This course is a pass/fail course. A passing grade is earned through attendance, participation in class, and completion of class assignments.

- If you drop MTH130 Technical Mathematics, you will be dropped from MTH080 Support for Technical Mathematics.
- If you pass MTH130 Technical Mathematics and fail MTH080 Support for Technical Mathematics, then you earn your college math credit and do not need to repeat the MTH080 course.
- If you pass MTH080 Support for Technical Mathematics and fail MTH130 Technical Mathematics, then you will not need to repeat MTH080. You will need to retake MTH130 Technical Mathematics but can do so without the co-requisite course, MTH080.

**INSTRUCTOR POLICIES:**

- **Tardiness:**
  per instructor’s policy

- **Make-up and late work:**
  per instructor’s policy

- **Extra-credit work:**
  per instructor’s policy

- **Other:**
  List any other instructor policies
COLLEGE POLICIES:

Attendance:
Any student who misses two consecutive weeks of class during a regular sixteen-week semester or the equivalent proportion of class time during a shorter session will be dropped from the class by the instructor unless acceptable justification is supplied. Additionally, any student who misses more than one-fourth of the entire number of in-seat class meetings in a regular 16-week semester or the equivalent proportion of class time during a shorter session, may be dropped from that class by the instructor if, in the opinion of the instructor, the student does not have reasonable opportunity to succeed in the class. **A student’s attendance rate will be calculated based upon the first day of the semester (not the student’s date of enrollment in the course).**

Student attendance must be defined in a different manner for online, hybrid, and virtual courses. Student attendance in these courses is defined as active participation in the course. Online, hybrid, and virtual courses will, at a minimum, have weekly mechanisms for student participation, such as any or all of the following methods:

a. Completion of quizzes or exams
b. Submission of assignments
c. Participation in threaded discussions
d. Communication with the instructor

A student who does not participate in an online, hybrid, or virtual course for two consecutive weeks will be dropped by the instructor unless acceptable justification is supplied. **As with ground courses, a student’s attendance rate in online courses will also be calculated based upon the first day of the semester.** If a student does not demonstrate active participation in the online course within the first two weeks (or the equivalent proportion of class time during a short session), the student will be dropped as “never attended.” Simply logging into an online class does not constitute active participation.

Students should be aware that their dropping a course and their last date of attendance in the course may impact their financial aid.

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.

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 Office to confidentially discuss disability information, academic accommodations, appropriate documentation and procedures. For more information, please call either the Moberly office at (660)
263-4100 Ext. 11240 or the Columbia office at (573) 234-1067 Ext. 12120, or visit our web page at http://www.macc.edu/index.php/services/access-office.

**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 or contact Dr. Jackie Fischer, MACC’s Title IX Coordinator, at 660-263-4110, Ext. 11236 or jackief@macc.edu.