MTH-176 – College Algebra Course Syllabus

Course Code:

MTH-176

Course Title:

College Algebra

Course Description:

This course provides students with the necessary background for pre-calculus. Topics include graphs of functions including transformations; function composition; variation; polynomial functions of degree two and higher; polynomial and synthetic division; roots of polynomials; complex numbers; rational functions and equations; non-linear equations and inequalities; inverse functions; exponential functions equations and models; logarithmic functions equations and models and applications. A graphing calculator is required for this course. See the time schedule for the current brand and model. Successful completion of this course with a minimum grade of C will raise your Academic Math level to 5.

Prerequisites:

Academic Reading and Writing Levels of 6; Academic Math Level 4

Outcomes and Objectives:

[Please refer to the MTH-176 Master Syllabus](#)

Required Text and Materials:

Please confirm edition with [WCC Website](#) or go to the WCC Bookstore and use the Find the Course Materials feature to view the required and recommended course materials: https://washtenaw.bncollege.com/course-material/course-finder.

- *Precalculus with Limits* by Larson; ISBN10: 1-4390-4909-2, ISBN13: 978-1-4390-4909-9 © 2011
  - The textbook can be purchased in hardcover or e book form.
- TI-83, TI-83 Plus, or TI 84 Plus graphing calculator
- WebAssign (online homework)

The textbook and WebAssign may be purchased bundled together. If you buy a used textbook you will have to buy the access code for WebAssign separately. The least expensive way is to purchase the e book with WebAssign

Course Policies and Procedures and Grade Requirements:

Minimum Computer Literacy Skill Requirements

Expectations of participants in this course include a general knowledge of computers, file management skills, word processing skills, and Internet skills.

Minimum Technology Requirements

Access to Blackboard and the World Wide Web are required. Course content will be delivered in multiple formats, including but not limited to document, video, and audio formats. Students must install the recommended plugin-ins for each type of media.

Expectations and Availability of Instructor

It is my intent to respond to your emails as soon as I am able, but please allow me 48 hours before you send me a follow up reminder email.

Expectations and Code of Conduct of Students

General Communication

- Expectations for the tone and civility used in communicating with the instructor and fellow students
- Use the rules of netiquette

Email Communication

I receive email messages from students in a number of courses. So that I can be most efficient and effective in communicating with you, make sure your subject line consists of topic of mail. For example, if Brianna Simpson was a student in MTH-176-D02 class and she was sending an email about Assignment #1, her subject line would say: Simpson, MTH-176-D02: Question about Assignment #1

Under the 2007 IS Security Plan faculty members may only use their WCC email account and may not forward their email to another non WCC account. Faculty members may only respond to a student's WCC email account address. Although a student may forward their WCC email to a different account, faculty may not respond to correspondence from the forwarded account. These security measures are in place to protect any communication between faculty, staff, and students. Federal law (FERPA) now prohibits grades being sent by email, all grades will be posted on Blackboard under My Grades. If you wish to discuss your grade please contact me by phone or come to see me during my office hours.

Rules of Conduct for Course Participant:

Participant Performance Objectives

The overall goal of a WCC online course is to provide a structure for you to become a more independent, self-motivated, life-long learner. In addition, there are specific skills you will acquire if you complete all the activities and assignments.

Online courses are the same as on-campus courses minus having to attend class on a specific day and time. This means that you are expected to complete the same amount of course work as a student taking the same class on-campus. This requires students to have good time management skills. **The class week begins on Monday morning and ends on Sunday at 11:59 p.m.**

The following tips are suggestions for successfully completing the course.

- Skim the assigned textbook chapter before viewing the corresponding video lecture, then read the entire chapter.
- Print out the assignment schedule and calendar for this class or refer to these items in Blackboard often.
- Begin assignments before the due date. In the event you are unsure of the instructions, you will have time to ask for clarification. .
- Actively participate in the discussion board. Within this forum students can deepen their understanding before being quizzed or tested.

- Do not wait until the last hour to submit homework, complete an assignment, or take a test.
- If Blackboard becomes unavailable due to WCC's site failure the day an assignment or test is due, students will be given an extension of time equal to the amount of time that Blackboard is unavailable. Students are responsible for finding alternate sites to do their work if their provider becomes unavailable i.e. public library, friend's home or WCC campus. Note: Under special circumstances where weather or an unusual catastrophe causes a power outage to the community at large, exceptions will be on a case-by-case basis, based on circumstances.
- Be sure to contact me in advance of anything that might interfere with remaining in Active Status. With appropriate notice and circumstances, I will work with you to preserve your Active Status. Whenever in doubt, or in the case of emergencies, contact me as soon as possible.
- Stay in touch by email if you have any questions or concerns. At least a few times per week, check for any emails from me and reply if I request you do so. This really helps me find, reply to, and file all of my student email.

Time Commitment
The time required to complete the course activities is approximately eight to ten hours per week. It is recommended that you become disciplined about logging in and participating in the online classroom at least 5 days each week. This will allow you to keep a steady pace over the semester. This course has been developed to have a Monday to Sunday assignment and due date rhythm.

It is important that you have at least the minimum amount of time to devote to this course. While a College on Demand online learning class is based on self-learning, this course is also based on a student-centered model. That means your contribution and participation in discussion boards and other activities are needed to achieve the course objectives, the participant performance objectives, and your personal goals.

Schedule
The due dates for your activities, assignments, and tests can be found by going to the Due Dates button on the left. The Due Dates calendar gives you a detailed listing of all activities. Graded assignments have due dates that are not negotiable-- they are required due dates. For activities that are not graded, suggested due dates are provided in the course schedule to keep you on track.

Late Assignments
All work must be submitted on time. Discussion board problems, exams, and assignments will only be accessible during a specific window of time. Only in cases of extenuating/dire circumstances (not for convenience), the instructor may accept late work. This will be the exception not the rule. Approved late work will receive a reduced grade.

WebAssign Homework
Assignments must be submitted on time. No late assignments will be accepted.

Discussion Board Problems

- Discussion Board problems are posted and will be available for the corresponding week that the chapter is covered. After discussing the assigned problems the group will submit the agreed upon solutions in WebAssign.
- Students are expected to be courteous when responding to one another. The use of foul language, bashing, ridiculing, or responding in a threatening manner will not be tolerated and will be cause for removal from the class. This is a time to practice diplomacy.
- The purpose of Discussion Board is not only to generate points towards your final grade, it is so students can share perspectives and references with each other to better understand the "big picture."
- **Please do not wait until the last day to post the solution to the problem**.

Tests

There will be four tests and a final exam that will consist of both multiple choice and fill in the blank questions. Tests will relate to chapter materials as well as online information and lectures/interviews/videos. Students are responsible for obtaining and recording this information. There will be no make-up tests unless there are extenuating circumstances. The student will need to make arrangements and receive approval from the instructor before a make-up is allowed. This does not include leaving a message on voicemail or sending e-mail. There must be a discussion with the instructor.

Graded Items	Points
WebAssign Homework	100
Discussion Board Problems	100
Exams (4)	400
Final Exam	100
Total =	700

Academic Integrity:

Plagiarism and other forms of academic dishonesty will result in discipline according to the [WCC Student Rights & Responsibility guidelines](). Always complete your own work using your own words. If you do use information, ideas, or words from other sources, credit that source using MLA or APA format.

Accommodation of Special Needs:

[Learning Support Services Department]() provides support to students who may need accommodation for documented disabilities, or other learning need. WCC will work with you to accommodate any of your individual learning needs, however, I need to know of any requests in advance in order to make the necessary arrangements.

WCC Student Policies and Support Information:

Review the material within the Washtenaw Community College Student Policies and Support Information for additional policies and procedures that affect you and your course. Find this information [on this shared page](#).