



Math & Physics Department

COURSE SYLLABUS

Course Information

MATH132 - 140 College Algebra

Fall 2022 Full Term

Course Format: Lecture

CRN: 2022-FALL-16WK-MATH-132-140

Class Time and Location: Williamsburg Independent School - TBA01

Instructor Information

Name: Holly Hibbard

Email: holly.hibbard@ucumberland.edu

Phone: 606-813-4884

Office Location: Remote

Office Hours/Preferred Contact Times: Office hours by phone: 8:00am-3:00pm - Contact anytime by email.

Course Description

This is a study of exponents, radicals, polynomials, rational expressions, inequalities, relations and graphs, linear equations, quadratic equations, systems of equations, application problems, and complex numbers. Credit, 3 hours. Offered fall and spring semesters and summer term by demand.

Course Objectives

Upon completion of this course:

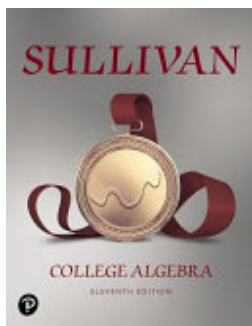
- simplify algebraic expressions using the properties of real numbers as well as the rules for exponents and the rules for order of operations.

- solve linear equations and inequalities mathematically (and graphically as time allows).
- perform basic operations with polynomials, complex numbers, and radicals.
- solve quadratic equations and equations in quadratic form by the various methods such as factoring.
- solve systems of equations algebraically (and graphically as time allows).
- perform basic set operations and apply basic geometric formulas and theorems.
- perform tasks in coordinate geometry such as finding the slope and equation of a line or the equation of a circle.
- solve various types of linear and quadratic application problems

Course Website

Access to the course website is required via the iLearn portal on the University of the Cumberland's website: <http://www.ucumberlands.edu/ilearn/> or <https://ucumberlands.blackboard.com/>

Required Books and Resources



Title: College Algebra
Subtitle: with MyLab Math & Digital Text
ISBN: 9780135189849
Authors: Michael Sullivan
Publication Date: 2019-02-22

Course Required text can be found and purchased via the UC Barnes and Noble Bookstore: <https://cumber.bncollege.com/shop/cumberlands/page/find-textbooks>

Requirements and Policies

Academic Dishonesty Policy

As a Christian liberal arts university committed to the pursuit of truth and understanding, any act of academic dishonesty is especially distressing and cannot be tolerated. In general, academic dishonesty involves the abuse and misuse of information or people to gain an undeserved academic advantage or evaluation.

The common forms of academic dishonesty include:

1. cheating – using deception in the taking of tests or the preparation of written work, using unauthorized materials, copying another person’s work with or without consent, or assisting another in such activities;
2. lying – falsifying, fabricating, or forging information in either written or spoken presentations;
3. plagiarism – using the published writings, data, interpretations, or ideas of another without proper documentation.
4. multiple submissions - submitting the same academic written or oral work for which credit was previously received, without the approval of the instructor.

Episodes of academic dishonesty are reported as appropriate to the Vice President for Academic Affairs. The potential penalty for academic dishonesty includes 1) a failing grade on a particular assignment, 2) a failing grade for the entire course, 3) suspension or expulsion, or (4) revocation of a degree.

Attendance Policy

Course enrollment and participation will be monitored and verified for all students during the first two weeks of classes. Lack of participation during this time may jeopardize enrollment status. Each student is expected to meet course expectations by completing the coursework required each week. Active participation and staying abreast of the material is essential to success. Program specific attendance policies may still apply.

Participation Policy

Study after study has linked successful academic performance with good class participation. Those who assume positions of responsibility must “show up” in order to be effective. Students are expected to be attentive to the course content by completing assigned readings, providing

substantive posts and responses to online discussion forums, and completing work on course assignments. Point adjustments may be taken for non-participation.

Course Evaluations

The course evaluation will be open during the last two weeks of the term. To access the evaluation (during that time), visit <https://uofcumberlands.campuslabs.com/eval-home/> and log-in using your UC credentials. A reminder email notification will be sent when the evaluation is available.

We value your feedback. Every evaluation is confidential and anonymous. The anonymous results of the course evaluations are not available for faculty to see until after final grades are submitted. Your thoughtful responses guide future improvements for the course and programs.

Disability Accommodations

University of the Cumberland accepts students with certified disabilities and provides reasonable accommodations for their certified needs in the classroom, in housing, in food service or in other areas. For accommodations to be awarded, a student must submit a completed Accommodations Application form and provide documentation of the disability to the Disability Services Coordinator (Shirley Stephens, Gatliff Administration Building, Room 114, accommodations@ucumberland.edu). When all paperwork is on file, a meeting between the student and the Coordinator will be arranged to discuss possible accommodations before accommodations are formally approved. Students must then meet with the Coordinator at the beginning of each semester before any academic accommodations can be certified for that term. Certifications for other accommodations are normally reviewed annually.

Academic Appeal

Both undergraduate and graduate students have the right to challenge a grade. If discussions with the course instructor and department chair do not lead to a satisfactory conclusion, students may file a formal written appeal with the Vice President for Academic Affairs, who will forward the appeal to the chair of the Academic Appeals Committee. This formal written appeal must be filed by the end of the 4th week of classes in the next regular term following the term in which the course in question was taken. The Academic Appeals Committee then gathers information from the student, the instructor, and any other relevant parties. The Committee will deliver its recommendation on the complaint to the Vice President for Academic Affairs. After reviewing this recommendation and concurring or amending it, the Vice President for Academic Affairs will inform the student and instructor of the disposition of the complaint no later than the last day of classes of the term in which the complaint was filed. Records of

all actions regarding academic grade appeals, including their final disposition, are maintained by the Vice President for Academic Affairs and the Academic Appeals Committee. ([Undergraduate Catalog/Graduate Catalog](#))

Student Responsibilities

Students should:

- Use University of the Cumberland's email system for all academic, administrative, and co-curricular communication between faculty, staff and peers.
- Check for email and class announcements using iLearn (primary) and University of the Cumberland's webmail (secondary) daily.
- Demonstrate Cumberland's Character in and outside the classroom per the University Mission & Vision
- Ensure you have consistent required technology for the course
- Participate in courses regularly to:
 - Find announcements and updates
 - Complete assignments on time. Keep in mind that all deadlines use Eastern Standard Time (EST).
 - Engage in discussion
 - Connect with fellow students and faculty
- Present written work in an academic and professional manner.
- Take examinations on the designated dates and times. Students should make arrangements with faculty before the designated date for any needed accommodations.
- Contact faculty or student success coordinator with questions or concerns.

Course Policies

Academic Dishonesty:

Forms of cheating, lying, or plagiarism will result in a zero on the assignment. On the third attempt you will receive an Automatic 'F' for the course.

Consequences:

1st offense: Failed grade on assignment, contact with parent, dishonesty report submitted to UC.

2nd offense: same as above

3rd: Failing grade assigned for the course, contact with parent, determination by UC will be communicated to the student.

Communication:

All communications need to take place in Williamsburg City School email. i.e. If you will be out of class, you need to send an email to the professor as soon as you are aware. This includes absences due to illness. The student is responsible for checking iLearn course announcements and emails daily.

Late Work Policy:

Late work will not be accepted. In the case of extenuating circumstances, the student must communicate with the professor.

Participation:

In class participation will be calculated as a weekly grade. Participation includes but is not limited to the following:

- Engaging in active and meaningful class discussions
- Completion of all daily/weekly assignments
- Communication with professor via email when needed

Grading:

All daily and weekly assignment grades will be listed in iLearn. A weekly participation grade will be detailed in infinite campus by the end of the day Friday.

Cell Phones:

A definite "No-no" ! Cell phones , PDA's , iPods, and all electronic devices should be turned off and put away during class. An exception to this policy will occur only if your instructor requests that you bring your personal laptop computer to class in order to take a quiz or test on MyMathLab.

Assignments:

Students are expected to find out class assignments for missed classes and make up missed work.

Students are expected to find out if any changes have been made in the class or assignment schedule.

Students are expected to take the examinations on the designated dates. If you are unable to take the exam on the scheduled date and know in advance, you are to make arrangements with your professor before the designated date. If you miss the exam, you must have a legitimate reason as determined by your professor.

Recognizing that a large part of professional life is meeting deadlines, it is necessary to develop time management and organizational skills. Failure to meet the course deadlines may result in penalties. Keep in mind that all deadlines are set using Eastern Standard Time (EST).

Course Activities and Experiences

"Course Activities" may include any or all of the following: Graded homework assignments & quizzes via MyMathLab, take-home quizzes/assignments handed out during class, presenting problems on the board, collaborative small-group assignments, critical thinking/ advanced problem assignments, written assignments, iLearn discussion board questions/assignments.

Links to Support

UC Academic Catalog: <https://www.ucumberlands.edu/academics/academic-catalog>

UC Student Handbook: <https://www.ucumberlands.edu/student-handbook>

Academic Resources & Writing Center: www.ucumberlands.edu/learningcommons

Library: <http://www.ucumberlands.edu/library/>

Bookstore: <https://cumber.bncollege.com/shop/cumberlands/home>

About University of the Cumberlands: <https://www.ucumberlands.edu/about/presidents-welcome>

Instructions for Accessing, Downloading, and Activating Office 365 Pro Plus (free for UC Students): <https://helpdesk.ucumberlands.edu/support/solutions/articles/7000045435>

Course Evaluation

A student will be evaluated/weighted on the following basis:

The grading scale is typical 10 point scale.

- Assignments- 15%
- Quizzes- 30% - Quizzes will be given in class & online.
- Tests- 40% - Tests will be given in class & online.
- Final Exam- 15% - taken once on the last day of class.

Grading Scale

A: 90.0% or above

B: 80.0% - 89.9%

C: 70.0% - 79.9%

D: 60.0% - 69.9%

F: 59.9% or below

Course Schedule

Click the link for the course schedule and due dates.

[Pacing Guide](#)

Syllabus Disclaimer

This syllabus contains important information critical to your success in this course. It includes guidelines for this course and the instructor's current expectations about content, schedule, and requirements necessary for each student to achieve the best educational results. While you must review and become familiar with the contents of this syllabus, the instructor reserves the right to make adjustments or change in the syllabus from time to time. Any changes to the syllabus will be discussed with the students.