



UPPER IOWA
UNIVERSITY

COURSE SYLLABUS

MATH 107: College Algebra

Self-Paced Course - Web-Based Format Option

Session begins on the 1st day of enrollment month and ends on the last day of the 6th month

Instructor Information

Instructor Name: [faculty member]

Contact Information: For questions, comments, or concerns please contact the Self-Paced Degree Program office:

Telephone: 563-425-5200 or 1-800-553-4150

E-mail: selfpaced@uiu.edu

Address: Upper Iowa University, PO Box 1857, Fayette, IA 52142

Course Description

Semester Credits: 3 semester credits

Catalog Course Description:

A study of functions, with specific focus on polynomial, rational, radical, exponential, logarithmic, and piecewise-defined functions. Representing functions, graphing functions, combining functions, and modeling with functions will be discussed. Meets the quantitative reasoning requirement in The Peacock Professional Experience (“general education”).

Prerequisites: Achieve an ALEKS placement score of 30-60 or MATH 101, MATH 105, or transfer course equivalent

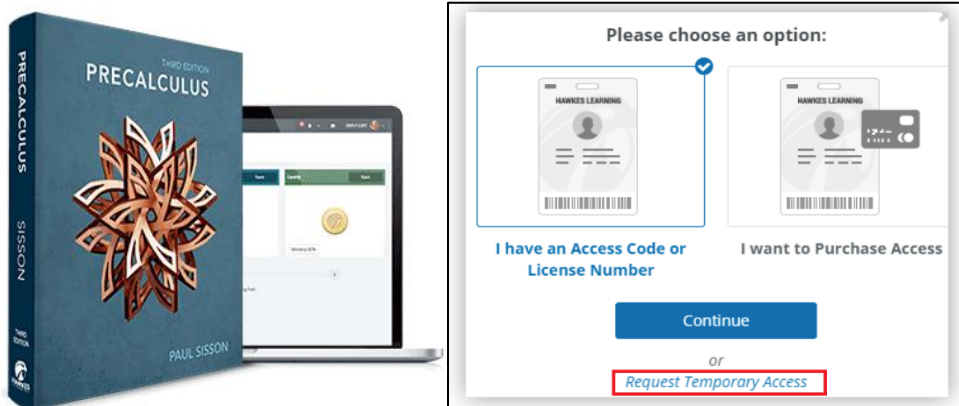
Credit Hours: As a requirement of HLC Accreditation, all UIU courses, regardless of meeting schedule or instructional mode, follow the Federal Credit Hour Definition. As such, each credit hour earned at UIU is equivalent to a minimum of 45 hours of student engagement.

For more information on how specific instructional modes meet this requirement, please see *UIU's Policy Guidelines for Instructional Time Expectations*: [UIU Policies](#).

Course Materials

It is the student's responsibility to make sure she/he has access to all required course materials by the start of the session.

Required Textbooks



Precalculus – Software and eBook Access (3rd ed.). Mount Pleasant, SC: Hawkes Learning System.

Authors: Paul Sisson

Publisher: Hawkes Learning

Format: Virtual text with Hawkes Learning Access

There are two ways to purchase a McGraw Hill Connect code.

Option 1: Purchase Hawkes Learning access directly using a link in the course.

Option 2: Purchase your textbook through the [online university bookstore](#) or by phone at (800) 325-3252.

Directions for finding and purchasing required textbooks/supplies from the University bookstore:

To purchase from the UIU bookstore:

- 1) Navigate to <https://bncvirtual.com/uiu> and click 'Let's get Started'
- 2) Select the appropriate 'Self-Paced Session' that matches your enrollment dates in the course on the left.

- 3) Select your course (MATH 107: College Algebra) on the right.
- 4) Select 'View your Materials'
- 5) Purchase your access code. You will enter this code after following a link within our UIU Learn course page

You may also order through the bookstore by phone at (800) 325-3252.

Recommended Resources

UIU Tutor Center

- Email: tutorcenter@uiu.edu
- Phone: (563) 425-5272

UIU Academic Success

- Email: academicsuccess@uiu.edu
- Phone: (563) 425-5264

Ordering Textbooks

Purchase your textbook through the online university bookstore, [BNC Virtual](#),

Course Outcomes

Upon completion of this course, students will ...

- Students will be able to solve single variable equations (including polynomial, rational, radical, exponential, and logarithmic) and inequalities (including polynomial, rational, and radical).
- Students will be able to solve systems of linear and nonlinear equations by the methods of substitution and elimination.
- Students will be able to understand the difference between an algebraic equation of one, two or more variables and a function, and the relationship among the solutions of an equation in one variable, the zeros of the corresponding function with complex numbers, and the coordinates of the x-intercepts of the graph of that function.

- Students will be able to represent functions (including polynomial, rational, radical, exponential, logarithmic, and piecewise-defined) verbally, numerically, graphically, and algebraically.
- Students will be able to perform operations (addition, subtraction, multiplication, division, composition and inverse determination) with functions and understand their relationship to graph transformations (translations, reflections, stretching, shrinking).
- Students will be able to use functions and relations studied in the course to solve a variety of real-world problems.
- General Education Outcome: Students will be able to apply mathematical concepts and skills to solve problems and communicate solutions.

General Education Assessment

Upper Iowa University is committed to ensuring that all undergraduate students participating in its general education program receive a broad education, while gaining essential professional skills across multiple disciplines. The Peacock Professional Experience provides nine learning outcomes, each of which articulates a specific skill students should gain, and are supported by knowledge provided by the courses students choose to take within the guidelines of the program. The outcome assessed in this course is the last outcome listed under Course Outcomes.

Course Requirements and Grading Criteria

Course Requirements

1. Review the **entire** course syllabus before beginning the course. Be sure you understand the course procedures and outcomes. Procedures do change, so please review **ALL** requirements and policies even if this is not your first course including, but not limited to, administrative withdrawal. Your course status will be affected if policies are not followed.
2. Students who develop a regular time schedule and set goals for unit completion are most successful in completing courses within a specific timeframe.
3. Feedback you receive is **critical** to your success.

4. Lesson assignments, quizzes, and exams are all completed via Hawkes Learning. Please complete all assignments and modules in order.
5. If the information in your syllabus is not clear or if units are not graded within a reasonable period of time, please contact your instructor using uiuLearn's email tool, if that doesn't work contact the Self-Paced Program office. We would like the opportunity to address concerns, however, we may not know unless we hear from YOU!
6. ALWAYS keep a copy of your completed work (each lesson, quiz, and exam) when submitting it for grading.

Hawkes Learning System Lesson Assignments

For each section of the textbook, an online homework assignment will be assigned. Each online homework assignment contains three modes – Learn, Practice and Certify.

1. The "Learn" mode opens that section of the textbook and is where you are introduced to the section material.
2. The "Practice" mode presents an unlimited number of sample problems and encourages active learning with error explanations, detailed solutions, and occasionally guided step-by-step solutions.
3. The "Certify" mode contains the graded portion of the assignment. Once you achieve mastery in the "Certify" mode (75%-85% of problems completed correctly), you will receive credit for that section.

Quizzes

You will be required to complete a quiz via the Hawkes Learning platform and with Respondus Lockdown Browser enabled (see our UIULearn course for more info) for most (but not all) sections covered. Each quiz is worth a certain number of points.

Exams

There are two Exams and a Final Exam (so three exams in total) that must be completed via the Hawkes Learning platform and with Respondus Lockdown Browser enabled.

Grading Criteria

Activity	Points
Assignments (Hawkes Learning Lessons) – 10 points each	25%
Quizzes – points vary	15%
2 Exams – 100 points each	40%
Final Exam – 100 points	20%

Grading Scale

Letter Grade	Percentage
A	>92%
A- (minus)	90-91.9%
B+	88-89.9%
B	83-87.9%
B- (minus)	80-82.9%
C+	78-79.9%
C	73-77.9%
C- (minus)	70-72.9%
D+	68-69.9%
D	63-67.9%
D- (minus)	60-62.9%
F	<60%

Grades and Feedback

This syllabus contains information on all assignments, quizzes, and exams necessary for completing your self-paced course. Submit your completed assignments, quizzes, and exams via Hawkes Learning.

If you need academic assistance with the course, please feel free to contact the Self-Paced Degree Program office.

To protect the integrity of the exams, you only receive your final grade on an exam; you do not receive any answers to the exam questions. The answers to the questions on the exam are not shared with students. Please remember to stay academically honest.

Extension Policy

Students will be allowed to request an extension and receive an 'X' (extension grade) at the end of their original six-month enrollment period if:

- A minimum of one assignment has been received for grading per guidelines **AND**
- All course units and exams are not completed and submitted **OR**
- A course withdrawal has not been initiated.

Note: There is a one-time fee for a self-paced extension per course. Refer to the Prereqcourses.com website for current fees. The request for an extension must be submitted no earlier than one month before the end of the course and no later than a week before the end of the course.

Extension grade details

- When the extension is granted and an "X" grade is issued, the student will receive a four-month enrollment period to complete the course.
- Students do not have the option to withdraw from a course after the initial six-month enrollment period.
- An 'X' grade posted to the student's official record will be replaced with a final letter grade; however, the extension will remain on the official transcript as a notation.
- If the course is not completed by the end of the extension period, the instructor will assign a final grade (A-F) based on work completed in relation to the total course requirements.
- If credit is not earned by the end of the extension period, students can re-enroll and repeat the entire course for credit.

Note: Students are not reported as enrolled during the extension period and are not eligible for student loan deferment. No more than one extension will be granted.

Course Schedule

Unit 1 – Relations, Functions and their Graphs (Chapter 3)

- Read textbook Sections 3.1, 3.2, and 3.3
- Certify in Lessons 3.1, 3.2, and 3.3
- Complete Unit 1 Quizzes 3.1, 3.2, and 3.3

Unit 2 – Relations, Functions and Their Graphs (Chapter 3) & Working with Functions (Chapter 4)

- Read textbook Section 3.4, 3.5, and 4.1
- Certify in Lessons 3.4, 3.5, and 4.1a
- Complete Unit 2 Quizzes 3.4 and 4.1

Unit 3 – Working with Functions (Chapter 4)

- Read textbook Sections 4.2, 4.3, and 4.4
- Certify in Lessons 4.2, 4.3, and 4.4
- Complete Unit 3 Quizzes 4.2, 4.3, and 4.4
- Complete Exam #1

Unit 4 – Polynomial and Rational Functions (Chapter 5)

- Read Sections 5.1, and 5.5
- Certify in Lessons 5.1 and 5.5
- Complete Unit 4 Quizzes 5.1 and 5.5

Unit 5 – Exponential and Logarithmic Functions (Chapter 6)

- Read Sections 6.1 and 6.2
- Certify in Lessons 6.1 and 6.2
- Complete Unit 5 Quizzes 6.1 and 6.2

Unit 6 – More on Exponential and Logarithmic Functions (Chapter 6)

- Read Sections 6.3, 6.4, and 6.5
- Certify in Lessons 6.3, 6.4, and 6.5
- Complete Unit 6 Quizzes 6.4 and 6.5
- Complete Exam #2

Unit 7 – Systems of Equations and Inequalities

- Read Sections 11.1 and 11.8
- Certify in Lessons 11.1 and 11.8
- Complete Unit 7 Quiz 11.1

Unit 8 – Final Exam

- Complete the Final Exam

Course Expectations

Artificial Intelligence

For the duration of this course, the use of any generative artificial intelligence (such as ChatGPT) in Quizzes and Exams (including the Final Exam) is strictly prohibited. The use of such AI resources is also prohibited for Hawkes Lesson Assignments unless these resources are part of the Hawkes Learning platform. Use of bots and AI resources found within the Hawkes Learning platform during Lesson assignments is permitted. Assignments are opportunities for personal growth, critical thinking, and applying your acquired knowledge. Your individual effort and creativity are essential in demonstrating your understanding of the course material. Dependence on AI resources outside of Hawkes Learning resources undermines these objectives and compromises the integrity of the learning process. I appreciate your commitment to academic honesty and dedication to upholding this course's principles by refraining from using Generative AI (outside of Hawkes Learning) in your assignments.

Late Work

Late work is not accepted without obtaining an official extension ('X' grade) from the University. See the syllabus policy on Extensions for details.

Professional Writing and Speaking Guidelines

Communications in class and online should follow the Student Conduct and Discipline, Respect for the University Environment, and Code of Student Responsibility in the [Student Handbook](#) (pg. 20 and 21). Respect the opinions of others using appropriate language and communications.

University Policies

Withdrawal (W)

Students who have registered for this course through our partnership prereqcourses.com are required to follow the withdrawal policy outlined on the partnership website. Please refer to the partnership site for official withdrawal procedures, deadlines, and associated fees.

For students enrolled through the prereqcourses.com partnership, no refund is allowed after the first two weeks.

Students who withdraw from a course prior to submitting the first assignment, or who are administratively withdrawn for non-submission of assignments, will be charged an administrative fee.

Administrative Withdrawal (AW)

A grade of AW (administrative withdrawal) is recorded for any course from which a student is administratively withdrawn. **At least one complete assignment/unit must be received and verified by the instructor within the first 60 days of the enrollment period or the student will be administratively withdrawn from the course.** Students who are administratively withdrawn for non-submission of assignments, will be charged an administrative fee. See website for current fees for re-enrollment.

Academic Accommodations

It is the policy of Upper Iowa University to ensure equal access to educational and co-curricular activities to students with disabilities as mandated by the Americans with Disabilities Act Amendments Act (ADAAA) and Section 504 of the Rehabilitation Act of 1973. A student seeking accommodations should contact the Director of Student Accessibility Services as early in the session as possible. In order to receive accommodations, students are required to disclose their disability to the Director by completing an application for services that can be

found on the Student Accessibility Webpage. In addition to the application packet, the student is required to submit supporting documentation. Submit these to the Student Accessibility Services Office either in person or by email/Fax. A brief interview, in-person, by phone or virtually, with the Director will confirm or deny the accommodations requested. The Student Accessibility Services Office will email accommodation letters to the appropriate professor, the student, and the student's advisor. Additionally, students should work cooperatively with their instructors throughout the session to make sure that their accommodations are appropriate and effective.

Upper Iowa University (UIU) provides closed captioning/transcriptions in acknowledgment of the Americans Disability Act, Rehabilitation Act, and various state laws. The information displayed is computer generated and not reviewed before being published. UIU makes no representations or warranties and expressly disclaims any responsibility or liability with respect to any errors or omissions in, or the accuracy, reliability, timeliness, or completeness of, any information that appears in a closed caption or transcript.

Contact the Director at (563) 425-5949, accessibility@uiu.edu or stop by the office on the 2nd floor of the Student Center, Office of Student Life, Room 229.

Emergency Directives: (Fire, Natural Disaster, Threat on campus, etc.)

In accordance with Upper Iowa University's emergency management plan, any student that requires assistance in the event of an emergency (Fire, natural disaster, threat on campus) is responsible for notifying their instructor of the need for assistance. (Evacuation, and/or indoor safety protocols) This information will be held confidential and only needed in the unlikely event that there is an emergency.

Copyright Statement

In recognition of the Copyright Law of the United States (Title 17, United States Code), Upper Iowa University reminds both faculty members and learners that a willful infringement of the law may result in disciplinary action. The University library has available materials discussing the "fair use" concept, along with criteria and guidelines for reproduction and use of copyrighted materials.

This syllabus is subject to change.

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