

MS 141 | Contemporary College Algebra Syllabus



<https://husson.instructure.com/courses/1761821/modules>

Course Description

MS 141 Contemporary College Algebra section I71 Fall 2020

Contemporary College Algebra provides students a college-level academic experience that emphasizes the use of algebra and functions in problem-solving and modeling, provides a foundation in quantitative literacy, supplies the algebra and other mathematics needed in partner disciplines, and helps meet quantitative needs in, and outside of, academia. Students address problems presented as real-world situations by creating and interpreting mathematical models. Solutions to the problems are formulated, validated, and analyzed using mental, paper and pencil, algebraic, and technology-based techniques as appropriate. Four credit hours. Prerequisite: **Must have a C or better in MS093 or have been placed in MS141 by the Initial Math Assessment.**

Instructor Information

Instructor: Dr. Scott Lambert (he/him/his). Address as Scott, Professor, Professor Lambert, or Dr. Lambert.

Office: Beardsley Meeting House 227. Drop-in Office Hours by zoom unless face-to-face is arranged in advance.

Drop-in Hours: MWRF 12 - 2

Phone: 941-7060 (leave voicemail)

Email: [Canvas Messaging \(https://husson.instructure.com/conversations?](https://husson.instructure.com/conversations?context_id=&user_id=4837153&user_name=Scott%20Lambert#filter=type=inbox)

[context_id=&user_id=4837153&user_name=Scott%20Lambert#filter=type=inbox\)](https://husson.instructure.com/conversations?context_id=&user_id=4837153&user_name=Scott%20Lambert#filter=type=inbox) (preferred) or lamberts@husson.edu
(<mailto:lamberts@husson.edu>)

zoom: <https://husson.zoom.us/my/lambert.husson> (<https://husson.zoom.us/my/lambert.husson>)

Textbook & Required Materials

College Algebra: Building Skills and Modeling Situations by McKeague/Yoshiwara/Burzynski published by xyzTextbooks

The "book" requirement is really about online software/content **access** provided by xyzHomework that integrates with Canvas to power the actual math assignments. The access includes the eBook and so is categorized as a "book" requirement but you cannot simply obtain a print copy without this access to complete the course. Everyone will have a free 14-day trial, to begin with. During the second week of classes, you will activate your account with your paid access.

- This can be done within Canvas for \$45 using a major credit/debit card and this is my recommendation for most people.
- The alternative is to purchase an All-Access-Pass which is just a unique one-time code you enter in Canvas. You can buy this from the bookstore (\$64.29+). This may be helpful if you need to use cash, check, or Student Account credit you may have from your financial aid refund to pay for books (up through September 4th see [Husson Bookstore \(https://www.bkstr.com/hussonstore/home\)](https://www.bkstr.com/hussonstore/home)). The bookstore also has an option to purchase a paperback printed copy that contains an All-Access-Pass inside (\$86).
- The publisher, xyzHomework, has direct purchase options for and All-Access-Pass (\$45), paperback & All-Access-Pass (\$62), and hardcover & All-Access-Pass (\$68). Ebook access is immediate but beware of shipping issues and times for the printed copies. This option really only makes sense if you want a printed copy but may also provide more payment options. NOTE: with this method you will have to set up an account and use your Husson Gmail or we will have trouble linking this up for the course. [Click here for the xyzHomework online store for this textbook. \(https://www.xyztextbooks.com/catalog/product/college_algebra?uxf=student\)](https://www.xyztextbooks.com/catalog/product/college_algebra?uxf=student)

Course Outcomes and Mapping

- Students will identify and apply the fundamental properties of the real numbers. Homework 1.1, 1.2, Exam 1
- Students will apply algebraic principles to factor polynomials. Homework 1.3, 1.4
- Students will solve linear and quadratic equations using a variety of techniques. Homework 2.1, 2.2, 2.3, Exam 1
- Students will translate a word problem into mathematical notation and/or equation(s). Homework 2.4, 4.3, 5.1, 7.2, Exams 1, 2, Final Exam
- Students will apply function notation correctly to describe an algebraic relationship. Homework 3.3, 3.5, Exam 2
- Students will translate a particular function between the verbal, symbolic, numeric, and graphical representations. Homework 3.1, 3.2
- Students will calculate the slope and identify the intercept of a line. Homework 4.1, Exam 2
- Students will translate between the point-slope, slope-intercept, and standard forms of the equation of a line. Homework 4.2, Exam 2
- Students will determine the inverse of a one-to-one function. Homework 6.2, Exam 3
- Students will translate a logarithmic equation into its corresponding exponential form and vice versa to solve exponential and/or logarithmic equations. Homework 6.1, 6.3, 6.4, 6.5, 6.6, Exam 3, Final exam
- Students will solve a system of linear equations, and interpret the solution set in context. Homework 7.1, 7.2, Final exam

Evaluation and Grading

Percent of Total Grade

| | |
|-----------------|-----|
| Homework* | 30% |
| Discussions | 20% |
| Tests (3 Total) | 30% |
| Final Exam | 20% |

*Subject to 10% penalty if completed late.

I use the standard Husson University grade scale to convert to letter grades.

Zoom Proctoring

In the event that faculty utilize remote proctoring as a tool to monitor the use of remote exams, proctoring via Zoom is an option.

- A laptop capable of supporting Canvas and Zoom
- A second device that is capable of supporting both video and audio Zoom meetings for remote proctoring
- Suitable Internet connection to facilitate and sustain video and audio Zoom meetings

Canvas Information

Canvas is where course content, grades, and communication will reside for this course.

- husson.instructure.com
- For Canvas, Passwords, or any other computer-related technical support contact the [Husson Help Desk](https://www.husson.edu/student-life/technology/help-desk/).
(<https://www.husson.edu/student-life/technology/help-desk/>)
 - (207) 973-1000
 - <https://helpdeskticket.husson.edu/> [_ \(https://helpdeskticket.husson.edu/\)](https://helpdeskticket.husson.edu/).

Class Policies

ATTENDANCE: Attendance is a required component of this course. Husson provides an X (failing) grade for students who fail to be present for at least 85% of all classes.

Attendance in online courses is demonstrated in a variety of ways such as by submitting academic assignments, taking exams, engaging in interactive tutorials or computer-assisted instruction, participating in online discussions about academic matters, or initiating contact with the faculty members to ask questions about the academic content of the course. **Students must log in at least once a week** at a minimum but multiple logins are highly recommended to satisfy academic obligations. A login for this purpose must

include some recorded action such as posting in a discussion or working on an assignment that results in a change to the grade. Any students who begins active participation but does not log in to their course(s) for 7 consecutive calendar days, or as outlined in the course syllabus, may be assigned a grade of "X" (Failure for excessive absences).

Please note: Absences do not constitute a withdrawal. Students formally withdraw from classes only by submitting a Course Withdrawal Form available from the Registrar's Office or at google.husson.edu.

ACADEMIC INTEGRITY: Students are expected to abide by the guidelines of academic integrity in this course. Therefore, the production and submission of work that is not a product of the student's own efforts will be considered a violation of Husson University policy. Plagiarism, cheating, or assisting others to cheat on any quiz or test will result in a failing grade for the assignment and may be grounds for failure of the course. See more under "Undergraduate Policies" in the link provided.

STUDENTS WITH PHYSICAL OR LEARNING DISABILITIES: Husson University reasonably accommodates those who request accommodations and provide evidence of a disability. Such efforts are in accordance with the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 as amended. In order to request disability-related services at Husson, students must self-identify to the Center for Student Success (CSS) and provide appropriate and up-to-date documentation to verify their disability or special needs. Notice to other departments, faculty or staff, does not constitute self-identification to CSS.

After the accommodations have been approved, the student must notify the instructor by providing the accommodation plan. Depending upon the nature of the request, the instructor may then coordinate with CSS to fulfill the plan. If you have any questions regarding reasonable accommodations or need to request disability-related services, please contact Elizabeth Atkinson, Director of Accessibility Services, (207) 973-1017, or email atkinsone@husson.edu (<mailto:atkinsone@husson.edu>).

You are encouraged to make these arrangements if eligible even if you do plan to use them. You may waive the accommodations on a course by course basis.

RELIGIOUS OBSERVANCE POLICY: Husson University recognizes that the student body includes adherents of many faiths, and that observance of religious holidays is an important part of religious practice. In support of this sentiment, any student who is unable to attend classes or to participate in any examination, study, or course requirements on a day of observance because of his or her

religious belief, shall be provided with an opportunity to make up the course requirements so long as the effort to do so does not create an unreasonable burden upon the instructor, department or the University.

Students must notify me, in writing, of any relevant observance in the first week of the course. No adverse or prejudicial effects shall result in a student's grade for the examination, study, or course requirement on the day of religious observance because he or she relies upon these provisions.

NON-DISCRIMINATION: Husson University is committed to maintaining an environment that is free of unlawful harassment and discrimination. In accordance with federal law and its commitment to a fair and open campus environment, Husson cannot and will not tolerate unlawful discrimination against or harassment of any individual or group based upon race, color, religion, national origin, sex, sexual orientation, age, disability, citizenship, veteran status, or any factor that is a prohibited consideration under applicable law, in matters of admissions, employment, housing, or services or in the educational programs or activities it operates.

INSTRUCTORS DISCRETION: The instructor has the authority to modify the syllabus based on (her/his) determination that such changes would better meet the learning objectives of the course. It is the responsibility of the student to maintain awareness of those modifications and note them as necessary.

Husson Resources

The Center for Student Success (CSS) in 208 Peabody Hall offers an integrated academic services center, which includes the following departments:

- **Academic Services**

The Academic Services staff members serve as advisors to students who have not yet declared a major area of study (Undeclared) and provide advice and guidance on academic requirements to all students. They offer assistance with study skills and time management, as well as coordinating appointments with tutors in the Learning Center and Writing Center. Academic Services staff can advise students every step of the way from declaring a major, to registering for classes, to preparing to graduate.

- **Career Services**

Husson Career Services helps students and alumni make informed career decisions, connect with employers, pursue further education, and develop their professional lives and goals. They provide guidance on careers, majors, internships, job searching, graduate school advising, using social media, and much more. Get started by signing up on the Husson Eagle Career Link through the College Central Network where jobs, internships, and all Career Services events are posted.

- **Accessibility Services**

Accessibility Services staff work with students who have all types of disabilities to make sure they have equal access to a Husson education. To receive accommodations, a student must provide documentation of a qualifying disability and initiate contact with Accessibility Services. The reasonable accommodations determined by the Accessibility Services office cannot substantially alter the course or program requirements. For out-of-classroom experiences, accommodations are reevaluated and do not necessarily match classroom accommodations.

- **International Student Services**

International students will find a full range of support and advocacy services within OASIS. A designated Student Success Advisor will assist international students in academic as well as personal advising, as well as facilitating contact with the Learning or Writing Centers. Additionally, international students can access Immigration and Visa Services, orientation programming, peer mentors, and Career Services through their Student Success Advisor.

- **Learning Center**

The Learning Center is a student-central resource dedicated to providing tutoring for both general undergraduate classes and degree-specific courses. The atmosphere is laid-back, with both peer tutors and faculty tutors available to help. Classes tutored include anatomy and physiology, chemistry, algebra, probability and statistics, physics, psychology, and Spanish. Classes are added to the

tutoring schedule as need dictates. Supplemental Instruction is also offered in many science classes, again as dictated by student needs.

- **Writing Center**

The Writing Center is geared towards all things writing: composition, the creative process, grammar, and even style. Writing consultants can help with inventing, organizing, and revising documents to meet the specific requirements established by courses. Throughout the term, the Writing Center also conducts informational workshops, such as how to use APA citation format. Information regarding these workshops is posted outside the Writing Center.

- **Online Tutoring**

If you are enrolled in one of Husson University's extension campuses or online courses and need to access a tutor, please use the appropriate link below to set up an appointment.

For an appointment with a Writing Consultant, please send an email to writingcenter@husson.edu

For an appointment with a tutor in the Learning Center, send an email to learningcenter@husson.edu

Many of the policies referenced here and others that apply to all students and courses are provided for by Husson University policies. See the following links for general information.

<http://www.husson.edu/undergraduate-policies> (<http://www.husson.edu/undergraduate-policies>)

<http://www.husson.edu/student-conduct-code> (<http://www.husson.edu/student-conduct-code>)

<http://www.husson.edu/title-ix> (<http://www.husson.edu/title-ix>)