

## Course Syllabus

## Important Links organized by category:

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| <a href="#">Core Homework</a><br><a href="#">Advanced Homework - Limits</a><br><a href="#">Advanced Homework - Modeling</a><br><a href="#">Results from Progress Quizzes</a> | <a href="https://teachingcenter.ufl.edu/tutoring/tutoring-schedule/">UF Teaching Center</a><br>(https://teachingcenter.ufl.edu/tutoring/tutoring-schedule/).<br>Days/Times: <u>TBD</u><br>(https://ufl.zoom.us/j/93938740193?pwd=ZTVKRXIDb0dDd1J6S0FrTHQzUjJoUT09)<br><a href="https://ufl.joinknack.com/">Knack Tutoring</a> (https://ufl.joinknack.com/).<br><b>Free for all MAC 1105 students</b> | <a href="#">Homework System</a><br><a href="#">Weekly Assignments</a><br><a href="#">Course Grade</a><br><a href="#">Progress Quizzes</a><br><a href="#">Final Exam</a> | <a href="#">Course Calendar</a><br><a href="#">Email Etiquette Expectations</a><br><a href="#">Pacing for Final Grade Estimate</a> |

## Instructor Information

Course Coordinators: Jacob Kowalczyk and Sean Mandrick

Office: [not in use this summer]

Contact: Canvas (preferred) or email [kowalczykj@ufl.edu](mailto:kowalczykj@ufl.edu) (mailto:kowalczykj@ufl.edu) and [smandrick@ufl.edu](mailto:smandrick@ufl.edu) (mailto:smandrick@ufl.edu).

See the [Email Etiquette Expectations](#) page for more contact details.

Before sending a message, be sure to check the most recent announcement!

**Office Hours:**

Jacob Kowalczyk: TBD

Sean Mandrick: TBD

TA Office Hours: (n/a)

(<https://ufl.zoom.us/j/93157851966?pwd=OWZ4bnVtZjRNMG5mL3QzcGl1cnpLZz09>). These times are meant for students to get quick answers to their questions.

*You do not need have video or even audio to join these meetings.*

Come in and ask your questions via chat, audio, or video.

**Additional information about the coordinator, the course, and aspects about the course can be found here.**

## Description of Course

MAC 1105 (Basic College Algebra) is a review of Algebra designed to prepare students for MAC 1140 or MAC 1147. Content for this course includes: reviewing real and complex numbers, solving various types of equations, graphing basic functions, and exploring exponential and logarithmic functions. [A detailed description of the course content goals and objectives is provided on the coordinator's homepage.](#) (<https://people.clas.ufl.edu/dchamberlain31/files/Course-goals-and-objectives-Summer-2020.pdf>)

**NOTICE** – This course is designed for students who will eventually take Calculus or need MAC 1105 for their major. Students looking only to complete their general math requirement should heavily consider taking *Math for Liberal Arts Majors 1* (MGF 1106) or *Math for Liberal Arts Majors 2* (MGF 1107).

## Course Materials

Canvas is your main resource for this course. You can access Canvas by going to <https://ufl.instructure.com/> and then using your Gatorlink username and password to login.

**Textbook:** This course uses an open-source textbook, which can be found at <https://openstax.org/details/college-algebra> (<https://openstax.org/details/college-algebra>). Purchasing a copy of the textbook is not required.

**Lectures:** You will have access to video lectures for all of the content of the course. [These videos can be found on Canvas](#) (<https://xronos.clas.ufl.edu/ufmac1105/coreModules/module1Activity/subgroupOfRealNumbers>) and through the individual homeworks.

**Xronos:** Xronos is an innovative online homework platform developed by the Ohio State University. Using this platform is *completely free* to students. [Instructions on how to use the platform to complete homework can be found here.](#)

**Descriptive Answer Keys:** Unlike traditional courses, you will be given the opportunity to learn from your mistakes on exams. To help you with this, computer-generated keys are released after each exam that not only tell you what the correct answer is, but *describe the types of mistakes associated to each option*. By reviewing

the descriptive answer key, you can learn what you did wrong on the exam and improve for the future. [You can find previous semester's exams here.](https://drive.google.com/drive/folders/1uog5vIXeZIKUHh-B4Qyjoap1G7vWgYIp) (<https://drive.google.com/drive/folders/1uog5vIXeZIKUHh-B4Qyjoap1G7vWgYIp>)

## Materials You Need for the Course

Here is a list of what you absolutely need for the course. If you do not have one or more of these things, please contact the coordinator.

- **Computer with strong internet access** -- [Access to and on-going use of a computer is required for all students. Competency in the basic use of a computer is required.](#) (<https://it.ufl.edu/policies/student-computing-requirements/>)
- **Chrome browser** -- Honorlock requires the use of the Chrome browser. This browser is freely available on all operating systems.
- **Admin privileges to install/uninstall Chrome extensions** -- You will need to download a Chrome browser extension to take all quizzes. This requires you have admin privileges for your computer. If you are using someone else's computer (*like Dual Enrollment students using a district-appointed device*) you will need to get admin privileges OR have the admin download the necessary remote desktop app.
- **Computer camera** -- You will be recorded as you take quizzes. Thus you will need either a built-in computer camera or some other webcam.
- **Test-taking room** -- You are expected to have a generally empty room for you to test. You cannot have other people in the room with you nor can you have many papers on your desk. You will also need it to be a "normal" room and not, for example, in a bathroom (*yes, a student has been prevented from starting the exam in a hotel bathroom*).
- **Scientific, non-graphing calculator** -- You will always be allowed to use your own 4-function or scientific (*highly suggested*) calculator. In fact, a digital scientific calculator will be available to you at the start of every quiz. You will **not** be allowed to use a graphing calculator or a calculator that can access the internet.

## Skills/Knowledge You Need for the Course

While the course has no prerequisites, it does assume you have the following knowledge or skills:

- Ability to navigate Canvas to find assignments, quizzes, videos, and emails.
- Ability to take and upload media (such as photos and video).
- Basic arithmetic knowledge (such as adding fractions or finding the greatest common factor of some numbers).

## Course Structure

This is a [Mastery-Based course](#) ([https://en.wikipedia.org/wiki/Mastery\\_learning](https://en.wikipedia.org/wiki/Mastery_learning)) that will allow you to progress at your own pace as you show mastery of the content. One of the benefits to this model is that you will not be forced to keep pushing forward in the course when you do not know the fundamental material! [All of the lectures will be provided via video online.](#)

The content of this course is divided into **12 modules: 8 core modules and 4 advanced modules**. Approximately once every week, you will have the opportunity to show mastery in up to 2 modules (**referred to as "Progress Quizzes"**). If you show mastery, great! If not, you will be able to retry the module again during the next quiz. In this model, tests are no longer high-stakes assignments where a bad day could sink your grade.

## Types of Assignments

Brief descriptions of each type of assignment is provided below. Click on the name for more details.

- [Weekly Assignments](#) - Weekly assignments are meant to keep you engaged in the course and provide the small group interactions you would get if the course met in person. **Weekly Assignments are due by 11:59pm EST Sundays.** Exact dates are provided in Canvas for each assignment.
- [Core Modules Homework](#) - This is your online homework system for the majority of the course. **Everyone is expected to complete at least 80% of the Core Homework by Sunday July 31st, 11:59pm EST.**
- [Advanced Modules Homework](#) - This is the online homework associated to one of two advanced content paths you could take in the course. You are only expected to work in one path! **Students who master at least one Advanced module are expected to complete some portion of the Advanced Homework by Sunday July 31st, 11:59pm EST.**
- [Progress Quizzes](#) - These quizzes check your progress on learning material in the course. You will take the 2 Modules you are on during each of these times. **You will have a 2-day window in order to take each Progress Quiz through Honorlock.** You do not need to make an appointment to take the quiz. [You can find the schedule of quizzes here.](#)
- [Final Exam](#) - This is a cumulative, 2-hour, 25 multiple-choice question exam over Modules 1-8 (Core Modules). **All students with a grade higher than an E are expected to take the exam between August 4th and 5th through Honorlock.**

## Grade Breakdown

Rather than calculating points and percentages, your grade in this course is primarily based on meeting certain thresholds. This is known as **Specifications Grading** (<http://rtalbert.org/specs-grading-iteration-winner/>) and is commonly used with mastery grading models.

Your base letter grade is determined by the number of Modules you master during Progress Quizzes. Other assignments modify your base letter grade: missing an assignment threshold lowers your letter grade by 1/3 letter while exceptional performance on the Final Exam (80%+) raises your letter grade by 1/3 letter.

**Base Letter Grade Thresholds:** *Mastery through Progress Quizzes*

- A:** 8 Core Modules, 4 Advanced Modules
- B:** 8 Core Modules, 2 Advanced Modules
- C:** 8 Core Modules
- D:** 6 Core Modules

**Other Assignment Thresholds:** *Missing a threshold lowers your letter grade by 1/3 letter*

- **Core Modules Homework:** 80%
- **Advanced Modules Homework:** 20% x (# of Adv. Modules mastered)
- **Weekly Assignments:** 80%
- **Final Exam:** 60%

You can use these documents to help you keep track of your mastery: [PDF](#) or [Excel](#) ↓

([https://ufl.instructure.com/courses/455790/files/68781436/download?download\\_frd=1](https://ufl.instructure.com/courses/455790/files/68781436/download?download_frd=1))

*University policy stipulates that a minimum grade of a C must be achieved to obtain Gordon Rule or General Education credit. UF grading policies are at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.*

## Attendance, Late, and/or Missed Work Policies

- All homework assignments on Xronos will be due **July 31st at 11:59pm EST**. There will be no make-up or extensions for these assignments as they are available all semester long.
- Progress Quiz make-ups are available once a month. Students do not need a university-approved reason to take a make-up. Scheduled make-up periods are meant to reduce the stress of potentially missing a quiz and are not a way to take more than 10 Progress Quizzes.
- You will have a 2-day window to take each Progress Quiz through Honorlock. These periods will not be extended for any reason. Instead, there will be 3 make-up quiz periods where students can take missed Progress Quizzes.
- Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

## University Policies and Assistance

**Students with Disabilities should do the following:**

1. Register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)) by providing appropriate documentation.
2. Email [dchamberlain31@ufl.edu](mailto:dchamberlain31@ufl.edu) (<mailto:dchamberlain31@ufl.edu>) your accommodation letter, along with any additional information.
3. Additional time will be provided on Honorlock. **There is no need to take your exams through the DRC.**

*This should be done as early as possible in the semester. However, you can submit your accommodation letter to the coordinator at any point in the semester.*

**Academic Honesty:** UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code.” On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<https://catalog.ufl.edu/ugrad/1617/advising/info/student-honor-code.aspx> (<https://catalog.ufl.edu/ugrad/1617/advising/info/student-honor-code.aspx>)) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the course coordinator or TAs in this class.

**Online Course Evaluation:** Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/> (<https://gatorevals.aa.ufl.edu/students/>). Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/> (<https://ufl.bluera.com/ufl/>). Summaries of course evaluations are available to students at <https://gatorevals.aa.ufl.edu/public-results/> (<https://gatorevals.aa.ufl.edu/public-results/>).

**Video Recording Consent:** Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

**Campus Resources:** The following resources are available to all students.

**U Matter, We Care:** If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352 392- 1575 so that a team member can reach out to the student.

**Counseling and Wellness Center:** <http://www.counseling.ufl.edu/cwc/Default.aspx> (<http://www.counseling.ufl.edu/cwc/Default.aspx>), 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

**Sexual Assault Recovery Services (SARS), Student Health Care Center, 392-1161. University Police Department, 392-1111 (or 9-1-1 for emergencies).**  
<http://www.police.ufl.edu/> (<http://www.police.ufl.edu/>)

**UF Student Success:** *For improving study skills to connecting with a peer tutor, peer mentor, success coach, academic advisor, and wellness resources, go to*  
<http://studentsuccess.ufl.edu>. ([https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_ufl.us5.list-2Dmanage.com\\_track\\_click-3Fu-3Dccfd4b5b015e3d33e136cc335-26id-3D6eaa932b46-26e-3D272c0fe5cb&d=DwMFaQ&c=s.J6xIWYx-z:LMB3EPkvcnVg&r=rUz:Eig7po-wDCAfT0Hd6bCm0Su:4AdruzQ4eDAUwGsg&m=xUCIKFoM4EQFp9uT5AdQrhR41FhQnCzXI2PrLwvCcNM&s=xEU1AQ2aU4SZBiHpUnY0J7r3caKEvX54RIRgNGVNOrk&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__ufl.us5.list-2Dmanage.com_track_click-3Fu-3Dccfd4b5b015e3d33e136cc335-26id-3D6eaa932b46-26e-3D272c0fe5cb&d=DwMFaQ&c=s.J6xIWYx-z:LMB3EPkvcnVg&r=rUz:Eig7po-wDCAfT0Hd6bCm0Su:4AdruzQ4eDAUwGsg&m=xUCIKFoM4EQFp9uT5AdQrhR41FhQnCzXI2PrLwvCcNM&s=xEU1AQ2aU4SZBiHpUnY0J7r3caKEvX54RIRgNGVNOrk&e=)))

### Extra Help:

**Teaching Center Math Lab:** Located at SE Broward Hall (and LIT 215). Offers free, informal tutoring. <https://teachingcenter.ufl.edu/tutoring/>

**Private Tutors:** A list of qualified private tutors for hire is available on the UF math website <https://math.ufl.edu/courses/> (<https://math.ufl.edu/courses/>)\_under Advising and Help with Courses.