

## 1. MATH 112 FALL 2020 SYLLABUS (ONLINE ASYNCHRONOUS)

1.1. **Course Information.** Math 112: EL1, EL2, EL3 (Lectures Online Asynchronous)

1.2. **Instructor Information.** Alison Reddy (EL1 & EL2) and Laura Placzek (EL3).

1.3. **Course Description.** This course has an online asynchronous format in which some of the content is delivered via recorded lectures available in Moodle and some is delivered via ALEKS. Topics: **rapid** review of basic techniques of factoring, rational expressions, equations and inequalities; functions and graphs; exponential and logarithm functions; systems of equations; polynomials; rational functions; and the binomial theorem.

1.4. **Required Course Materials.**

- (1) Computer with webcam.
- (2) College Algebra Lecture Notes\*: PDF available in Moodle. (Print, if possible.)
- (3) ALEKS semester access code: see section 1.21 for access and purchase information.
- (4) LockDown Browser with Respondus\*\* remote proctoring: see section 1.22 for installation and purchase information.

★ **All quizzes and exams will be in ALEKS and all require LockDown Browser with Respondus Monitor.** See section 1.22 for more information.

★ We are making the Lecture Notes available free of charge to defer the cost of Respondus.

1.5. **Email.** Campuswire only. You must activate your Campuswire account through the invite sent to your UIUC email.

1.6. **Zoom Office Hours.** Office hours will be in Zoom. You can schedule one-on-one 10-minute appointments on a first-come, first-serve basis during the the following hours: Mondays 8:30 - 9:30 AM and Thursdays from 5:30 - 6:30 PM (Reddy), and TBD?? (Placzek). Appointments are to be scheduled the day before and no-shows will be noted and given less priority for future appointments.

1.7. **Zoom Tutoring Room.** Drop-in tutoring for Math 112, details TBA.

1.8. **Weekly Routine.** A standard week will be like this:

- (1) Daily: Work on your ALEKS Pie Progress & Scheduled/Triggered Knowledge Checks.
- (2) Mondays: Video Lecture.
- (3) Wednesdays: Video Lecture and ALEKS Quiz.
- (4) Thursdays or Fridays: Small group Zoom meetings during your registered section time.

1.9. **Video Lectures in Moodle.** Watching the Video lectures and completing your lecture note packet is crucial to your success in this course. Each lecture will consist of a pre-recorded video on the lecture notes packet. It is your responsibility to watch the lectures and complete your lecture note packet each week.

1.10. **Email.** We will use **Campuswire** for all email and course communication. Go to <http://www.campuswire.com> to access the course page. Please note that we only check and respond to email Monday - Friday between the hours of 9AM and 5PM.

1.11. **Grading.** Your grade will consist of the following:

<i>Discussion (Weekly Attendance)</i>	10%
<i>ALEKS (Pie Progress Goals)*</i>	20%
<i>Quizzes</i>	20%
<i>Exam 1</i>	10%
<i>Exam 2</i>	10%
<i>Exam 3</i>	10%
<i>Final Exam</i>	20%

\* You must complete the following ALEKS Pie Progress percentages by the corresponding date: 40% (9/20/2020), 60% (10/18/2020), 75% (11/15/2020), and 85% (last day of classes, 12/9/2020).

Grades/Scores will be posted in ALEKS. Final course grades will be available after the end of the semester in Enterprise (where you register for courses). **There is no curve and no extra credit.** Letter grades will be assigned using the following Plus/Minus scale.

<i>A+</i>	: 96.7	<i>A</i>	: 93.3	<i>A-</i>	: 90
<i>B+</i>	: 86.7	<i>B</i>	: 83.3	<i>B-</i>	: 80
<i>C+</i>	: 76.7	<i>C</i>	: 73.3	<i>C-</i>	: 70
<i>D+</i>	: 66.7	<i>D</i>	: 63.3	<i>D-</i>	: 60

1.12. **ALEKS Pie Progress and Scheduled Knowledge Checks.** You should spend a minimum of 5 hours per week working in ALEKS on your Pie Progress.

**Warning! You must take a Pie Progress Assessment / Knowledge Check when prompted. If you repeatedly click “I do not know”, then ALEKS will think that you do not know and you will lose all the progress you made on your Pie.**

1.13. **Quizzes in ALEKS.** ALEKS quizzes will be given every Wednesday. Calculators are not allowed on the quizzes. Makeup quizzes will not be given. Your lowest quiz score will be dropped at the end of the semester.

1.14. **Discussion Section.** Small group Zoom meetings will take place every week during your registered discussion section.

1.15. **Exams.** There will be three 60-minute semester exams for this course. The dates are **(Wednesdays 7 - 8 PM), September 23, October 21, and November 19.** Exams are intended to be more in-depth than quizzes. Calculators are not allowed on the exams.

1.16. **Final Exam.** The final is cumulative. All sections: **EL1, EL2, EL3** are scheduled to a common final exam on **Friday, December 11, from 7 - 10 pm.**

A passing score ( $\geq 60\%$ ) on the final exam is necessary and not sufficient to pass the course. Calculators are not allowed on the final exam. All exams will be in ALEKS and will require Respondus (online proctoring) and LockDown Browser.

1.17. **Other Policies.** If you have an illness, accident, or family emergency that prohibits you from participating in any aspect of this course, you must contact the Student Assistance Center in the Office of the Dean of Students for documentation to excuse your absence. For more information go to <http://www.odos.uiuc.edu/studentAssistance/index.asp>

1.18. **Academic Integrity.** All violations will be dealt with in accordance with University policy. Infractions [http://admin.illinois.edu/policy/code/article1\\_part4\\_1-402.html](http://admin.illinois.edu/policy/code/article1_part4_1-402.html) include, but are not limited to, submitting work that is not your own, using a calculator or ANY other electronic device during a quiz or exam, talking during a quiz/exam, and using any aids during a quiz/exam.

1.19. **Assistance.** Please do not hesitate to contact us if you need special assistance, or have questions or problems relating to this course.

1.20. **Unsolicited Advice.** Have a positive attitude! Every one of you is capable of learning or you would not be at this University. That being said, learning math is not a passive process. Watching lectures, completing your lecture note packet, attending discussion, working in ALEKS, and being an active participant in your learning is crucial. **A minimum of 5 hours per week working on your ALEKS pie and an overall pie**

**percentage of at least 80% are both necessary, but not sufficient, for passing this course.** ALEKS allows you to practice the techniques that are presented in lecture and to make sure you have a clear understanding of the material for the course. While there will be many examples in lecture, it is not possible to do an example of every type of problem out there. Thus, it is very important that you take ALEKS very seriously and work through all problems in detail. Finally, you are strongly encouraged to seek help sooner rather than later. At the first sign of confusion, you should begin attending tutoring or office hours. The course material just gets more difficult as the semester continues. Thus, waiting until later in the semester will only make it that much more difficult to improve your understanding.

#### 1.21. **ALEKS.** How to Access and Purchase your ALEKS Code.

Math 112 uses ALEKS for course material, this is **not** the same as the U of I Math Placement Exam through ALEKS PPL. It is the same technology, but a different course, access, and content than the U of I Math Placement Exam through ALEKS PPL. You must access ALEKS and purchase an access code as directed below.

**I.** To enroll and start using ALEKS, go to the main ALEKS web page at: <http://www.aleks.com> and click on the link SIGN UP NOW! (upper left). When prompted, enter the following Course Code:

<b>3CXEA-GRAE</b>
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You will need to have this Course Code as well as a 20-character ALEKS access code in order to register.

**II.** To purchase your **non-refundable \$81.00** ALEKS access code click on the “Purchase an Access Code” link after you have entered the above course code and have continued until you get to the Access Code Page. **You must purchase the 18 Weeks Code (1 Semester) for this course.**

The remaining steps to get into ALEKS are self-explanatory. Once you are in the system, ALEKS will give you a tutorial on how to use the system. After that it gives you an initial assessment. Once the assessment is complete, ALEKS will develop an individualized learning plan for you to learn the Math 112 course material.

**III.** ALEKS customer support.

Phone: (714) 619-7090

Email: <http://support.aleks.com>

**Warning! You must take a Pie Progress Assessment / Knowledge Check when prompted. If you repeatedly click “I do not know”, then ALEKS will think that you do not know and you will lose all the progress you made on your Pie.**

1.22. **Respondus and Lockdown Browser.** \$10 Respondus fee for the semester.

All assessments will be in ALEKS using Lockdown Browser with Respondus. You must take all of your assessments at the scheduled times. **Be sure to install Lockdown Browser with Respondus at least 2 days prior to your first quiz**, here is the information:

Respondus student video - <https://web.respondus.com/lockdownbrowser-student-video/>

You will need a Windows or Mac computer (Chromebooks are not supported) that enables you to install software. The computer will also need a functioning webcam and microphone, since you will be recorded during the assessment. Even if you have previously downloaded LockDown Browser for another course or assignment, you will still need to download this version as it is unique to ALEKS. The download links are at [https://www.aleks.com/support/lockdown\\_system\\_requirements](https://www.aleks.com/support/lockdown_system_requirements). Run the installation program after the download is complete.

Once Lock DownBrowser is installed, go to the following link with a regular browser to test if LockDown Browser will launch properly from your computer. Also perform the webcam check on this page: [https://www.aleks.com/support/lockdown\\_test](https://www.aleks.com/support/lockdown_test). If you have any problems with LockDown Browser or the webcam setup, contact ALEKS Tech Support at 1-800-258-2374 or <https://mhedu.force.com/aleks/s/>

The **Respondus fee** is charged during the pre-exam webcam check. (One of the steps in that check is a payment screen.) The fee is good for unlimited exams across multiple courses for a year.

System requirements:

- (1) LockDown Browser with Respondus Monitor will work on PCs, MACs, and iPads (with the Respondus LockDown Browser App installed).
- (2) You can find specific system requirements posted here: [https://www.aleks.com/support/LockDown\\_system\\_requirements](https://www.aleks.com/support/LockDown_system_requirements).
- (3) LockDown Browser with Respondus Monitor do **not** work on Chromebooks or smartphones.

ALEKS Student Support:

1-800-258-2374 <https://mhedu.force.com/aleks/s/>

Finally, here is a link with some additional resources and videos that might be helpful (THESE ARE NOT ALEKS SPECIFIC): <https://web.respondus.com/he/monitor/resources/>

**Best wishes for an enjoyable and productive semester!**