



## **MTH 95 Intermediate Algebra, Winter 2021, CRN: 32729**

**Instructor:** Nathan Wilkinson

**Email:** wilkinn@linnbenton.edu

**Virtual Office Hours:** Tuesdays 5-6pm.

### **MTH 95 Intermediate Algebra Course Description**

Intermediate Algebra is a course that develops the concept of a function. It is designed for the student who has an algebraic foundation (Math 75). Topics include an investigation of different functions, their graphs, and properties. The functions included are linear, quadratic, polynomial, radical, and exponential. Problem solving, technology, and cooperative learning is emphasized throughout the course. During the term, students will learn to recognize and express mathematical ideas graphically, numerically, symbolically, and in writing. Application problems are realistic with some data to be collected, analyzed and discussed in a group setting with results submitted in written form. Credits 4 Prerequisite: MTH 75 or Placement into the course.

### **MTH 095 Student Learning Outcomes**

1. Interpret and analyze functions to find information such as domain, range, variable and function values by using a variety of tools that may include graphs, tables or given equations.
2. Model application problems using appropriate algebraic models, which may include linear, quadratic, and exponential.
3. Communicate mathematical concepts, processes, and solutions.
4. Apply algebra skills to topics such as factoring polynomials, solving quadratic equations, and simplifying expressions.

### **Required Materials**

- **Tablet or Laptop** (Avoid Chromebooks.) To check the minimum computer specifications to use ALEKS and the lockdown browser, go to the webpage at [https://www.aleks.com/support/lockdown\\_system\\_requirements](https://www.aleks.com/support/lockdown_system_requirements)
- **Computer microphone and webcam** is a school-wide general requirement.
- **ALEKS 360 access code for 11 weeks.** This should cost \$60. (If a 52-week code was previously purchased, that may be continued.)
- For proctored testing there will be a required **lockdown browser download** and video monitoring.
- **Math 95 Course Materials Packet** ordered through the LBCC bookstore to be mailed.

## Recommended Materials

- Non-graphing, scientific calculator for testing. Graphing Calculators are not allowed on tests.
- Three ring binder for your course activity packet, ALEKS notes, and class notes

## Grading Policies

Category	Percent of Grade	Grading Scale
ALEKS Weekly Objectives	20%	A: 90 -100%
ALEKS Topics/Pie Overall	5%	B: 80 – 89%
Weekly Activities	25%	C: 70 - 79%
ALEKS Skills Test 1	5%	D: 60 - 69%
ALEKS Skills Test 2	15%	F: 0 - 59%
Midterm Exam	12%	
Final Exam	18%	

Students may view their grades on the ALEKS website.

A grade of Incomplete may be assigned at the discretion of the instructor under special circumstances. The student must have completed the majority of the course, been in regular attendance, and maintained a passing grade in the course prior to the special circumstance.

## Tests

All exams and skills tests will be taken from your own home and will be proctored using a lockdown browser and video camera monitoring. The lockdown browser is a one-time download. There are no notes or graphing calculators allowed during any of the tests.

- The **Midterm Exam** will be taken in ALEKS and it has a time limit of two hours.
- The deadline for the **Comprehensive Final Exam** is Wednesday, March 17 @ 11:59pm
- The two **ALEKS Skills Tests** will be taken in ALEKS. These tests are not timed.

## Homework

ALEKS is an adaptive online homework website ([www.aleks.com](http://www.aleks.com)). You will need to purchase an access code. Your skills work will be completed on this site. Each week's skills, called "Objectives," will be available for a given length of time and you must learn those skills and demonstrate mastery by the deadline date and time. Your score at the time of the deadline will be recorded as a homework grade for that week. Students who finish their ALEKS work before the deadline can work on other topics in the course pie.

## **ALEKS Homework Guidelines**

You should keep a notebook of loose-leaf paper for your ALEKS homework. You are expected to work through each problem and then write up neat, readable solutions for your notebook. Include the original problem unless it is a lengthy word problem. This will give you a study reference before testing.

## **Activity Work**

Students will be actively participating in learning activities mostly on their own this term. These must be done during the week they are assigned and cannot be made up. These are the lessons for this course. I will post information about each week's activities on Moodle at the beginning of each week. The activities are designed to help students develop and understand the concepts behind the math skills and how to apply them to various situations. These are due on Sunday 11:59pm at the end of each week. You will need to open the "Activity Quiz" in Moodle, and you will have an 8 minute window to upload pictures of the two different activity pages that it requests. I encourage you to utilize the free online LBCC Math Help zoom sessions and free LBCC online tutoring if you find that you need extra help in understanding and completing these.

## **Drop for NonAttendance or NonParticipation**

During the first week of the term, the instructor may drop students for not attending class, not completing work, and not completing the ALEKS initial knowledge check by Tuesday at 11:59pm

## **Late Work**

As a general rule, I will not accept any work after the posted deadlines for each item has passed.

## **Notes online**

I will be using Moodle to post all class documents, video links, etc. Please check back often, as I will be adding things throughout the term.

## **Help**

If you have questions, PLEASE ask! I have a scheduled office hour where I can meet you via zoom, etc., but you're welcome to get help at other times too. Don't forget about the **e-book and videos** available on ALEKS.

## **Use the Learning Center and Math Support**

The Learning Center is an excellent resource, where you can get help with your homework. While we are learning remotely, you may get math help remotely. On the LBCC website you will find information about how to get help from math instructional assistants or tutoring. Go to the website at the link <https://www.linnbenton.edu/student-services/library-tutoring-testing/learning-center/index.php>

Additionally, the Math Support offers success coaching by appointment that can include

- study strategies, notetaking, learning with online homework, time management schedule, etc.
- making a catch-up plan, to get up to date on assignments.

- preparing for an exam.
- understanding and navigating online homework.

## **LBCC Email**

You are responsible for all communications sent via ALEKS, Moodle, and to your LBCC email account. You are required to use your LBCC provided email account for all email communications at the College. You may access your LBCC student email account through Student Email.

## **Academic Honesty**

I assume that you are ethical and honest. However, if there is an incident of academic dishonesty (cheating), you will receive a score of zero for that test/assignment and the incident will be reported to the college administration for possible further disciplinary action. If there is a second offense, you will receive a grade of F for the course and the incident will be reported to the college administration with a recommendation for disciplinary action. Cheating includes, but is not limited to, copying another student's work; giving another student your work to copy; telling other students what problems are on an exam; getting answers or test questions from another student; or using any unauthorized resource during an exam, such as a phone, another computer or tablet, a book, notes, or a person.

## **Special Circumstances**

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in this class, please contact your instructor as soon as possible to discuss your needs. If you believe you may need accommodations but are not yet registered with the Center for Accessibility Resources (CFAR), please visit the [CFAR Website](#) for steps on how to apply for services or call (541) 917-4789. Online or virtual course accommodations may be different than those for on-campus courses, so it is important that you contact CFAR as soon as possible.

## **LBCC Comprehensive Statement of Nondiscrimination**

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, gender, gender identity, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. For further information see Board Policy P1015 in our [Board Policies and Administrative Rules](#). Title II, IX, & Section 504: Scott Rolen, CC-108, 541-917-4425; Lynne Cox, T-107B, 541-917-4806, LBCC, Albany, Oregon. To report: [linnbenton-advocate.symplicity.com/public\\_report](http://linnbenton-advocate.symplicity.com/public_report)

***The instructor reserves the right to make changes to the syllabus/calendar at any time.***