

**MTH 95 Intermediate Algebra Internet**

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## 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 (available for purchase or rent in bookstore if you don’t have one.) Minimum [specifications for use with ALEKS software](https://www.aleks.com/support/system_requirements): https://www.aleks.com/support/system\_requirements
* ALEKS access code for 11 weeks. (If a 52-week code was previously purchased, that may be continued.)
* **Recommended**
* Non-graphing, scientific calculator for testing.
* Three ring binder for your course packet, ALEKS notes and class notes.Course Materials Packet
* Course Materials Packet

**Grading Policies**

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| **Category** | **Percent of Grade** | **Grading Scale** |
| ALEKS Weekly Objectives | 20% | A: 90 -100% |
| ALEKS Topics/Pie Overall | 5% | B: 80 – 89% |
| Forum Posts | 5% | C: 70 - 79% |
| Weekly Quizzes | 10% | D: 60 - 69% |
| Written Activities | 10% | F: 0 - 59% |
| ALEKS Skills Test 1 | 5% | 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 passing the course prior to the “special circumstance”. |
| ALEKS Skills Test 2 | 15% |
| Midterm Exam | 12% |
| Final Exam | 18% |

#### Tests: All tests will be taken in one of LBCC learning centers or an approved official proctor location. There are no notes or graphing calculators allowed during any of the tests.

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| Test | Deadline |
| Aleks Skills Test 1 - unlimited time | Wednesday July 3 |
| Midterm Exam - 1 hour time limit | Thursday July 11 |
| Aleks Skills Test 2 - unlimited time | Thursday July 18 |
| Final Exam - 2 hour time limit | Thursday July 25 |

#### Homework:

ALEKS is an adaptive online homework website (www.aleks.com). You will need to purchase an access code in order to get logged in. 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.

#### Other Work -- Moodle Quizzes, Forum Posts, and Written Activities

Students will be actively participating in learning activities.The activities are designed to help students develop and understand the concepts behind the math skills and how to apply them to various situations. All the activities are found in the yellow classroom packet. You should do all the activities in the packet. There will be forum posts with responses to the activities and weekly quizzes in Moodle

#### Late Work

No late work will be accepted except for in special and verifiable circumstances. Please speak to me directly if you must miss class.

#### Help

If you have questions, PLEASE **come see me** and ask! I have scheduled office hours but you’re welcome to come in at other times too. **Study groups** are encouraged! Many students find that working with classmates is the best way to learn and understand the material. Don’t forget about the **e-book and videos** available on ALEKS.

#### Use the Learning Center Math Cafe!

The Learning Center Math Cafe, WH226, is an excellent place to study and to get help with

your homework. (Please remember to log on and log off the computer with each visit to the Learning Center.) The other LBCC campuses have similar facilities with Math Help available.

* There is free wireless available in the Learning Center (and lots of places to plug in so your battery won’t be depleted.)
* The relaxed atmosphere and table arrangement in the Learning Center provide a great location for study groups to meet and work.
* Instructional assistants are available to answer your math and ALEKS questions
* The Learning Center offers some free individual and small group tutoring in addition to the help desk.

#### Computers

Computer labs are open to students in the Library and in the Learning Center. Laptops are usually available for short-term check out from the Library.

#### Expectations:

* I expect that my students will be involved in class and working on this class pretty much every day.
* **This is only a 5 week course!! Spend at least 16 hours per week working on this class.**

#### LBCC Email:

You are responsible for all communications sent via ALEKS 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.

#### Special Circumstances:

Students who have any emergency medical information the instructor should know of, who need special arrangements in the event of evacuation, or students with documented disabilities who may need accommodations, should **make an appointment with the instructor as early as possible, no later than the first week of the term.**

#### Request for Special Needs or Accommodations

Direct questions about or requests for special needs or accommodations to the LBCC Disability Coordinator, RCH-105, 6500 Pacific Blvd. SW, Albany, Oregon 97321, Phone 541-917-4789 or via Oregon Telecommunications Relay TTD at 1-800-735-2900 or 1-800-735-1232. Make sign language interpreting or real-time transcribing requests 2-4 weeks in advance. Make all other requests at least 72 hours prior to the event. LBCC will make every effort to honor requests. LBCC is an equal opportunity educator and employer.

#### 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](http://linnbenton.edu/42145BA0-3DCC-11E3-AA36782BCB47BBE7). 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****.*