Linn-Benton Community College

Intermediate Algebra

MTH 95 Syllabus

Instructor: Bea Michalik
E-mail: michalb@linnbenton.edu
(Please allow 24 hours for response.)
Website: cf.linnbenton.edu/mathsci/math/michalb/web.cfm

Course Description:
The main goal of this course is to develops the concept of a function. 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.

Prerequisite

- MTH 65/75 equivalent with a grade of C or better, or placement into the course.

Course Materials

- Tablet or Laptop (available for purchase or rent if you don't have one.) Minimum specifications for use with ALEKS software below.
- ALEKS access code for 11 weeks or continue using a previously purchased 52-week code
- Course Materials Packet (available at the book store)

System Requirements	Windows(1)	Macintosh	Chromebook	iPad	Android Tablet(2)
Operating System	7+	OS X 10.7+	Chrome OS	iOS 6+	Android 4+
Screen Resolution	1024x768 +	1024x768 +	Any	Any	8.9"
Browsers	Chrome 30+ Explorer 11+ Firefox 25+	Chrome 30+ Safari 6+ Firefox 25+	Chrome 30+	Safari	Chrome 30+

(1) Windows based Microsoft Surface tablets require the use of an external keyboard and mouse (e.g., touch cover keyboard, Bluetooth keyboard/mouse or USB keyboard/mouse).
(2) At this time only Samsung Galaxy tablets have been tested.

Grading
Your grades will be approximately based on the following:

- ALEKS Objectives (Homework) 20%
- ALEKS Pie Progress (Topics Completion) 5%
- ALEKS Scheduled Knowledge Check (Test 1) 8%
- ALEKS Scheduled Knowledge Check (Test 2) 12%
- In Class Assignments 25%
- Written Test (Mid-term Exam) 12%
- Written Test (Comprehensive Final Exam) 18%

Your course grade will be derived from your *Total Course Points* (**A**:100%-90%, **B**: 89%-80%, **C**: 79%-70%, **D**: 69%-60%, **F**: below 60%).

Students can view their grades in the ALEKS Gradebook.

Special Grade
A grade of Incomplete may be assigned at the discretion of the instructor under special circumstances. You must have completed the majority of the course, been in regular attendance and passing the course prior to the "special circumstance".

What is graded?

Tests:
There are 4 tests in this class.

- The two **ALEKS Tests (Scheduled Knowledge Checks)** will be taken in the Learning Center. Once I have signed your testing ticket, you will have a couple of days to take the test on your own time. These tests are not timed. Refer to the test ticket for further information.
- The **Midterm Exam** and the **Final Exam (Written Tests)** will be taken in our classroom The test must be taken on the scheduled day. If you miss this test you will get a score of zero. Testing at an alternate time will only be allowed for special prearranged circumstances. However, the midterm test grade may be replaced by the final exam score, up to a maximum of 75%.

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.
Every week you will work on your skills for that week. You will need to complete the assignment by Sunday midnight to receive score that will be the homework grade for that week.
There will be an additional review assignment prior to each of the ALEKS tests. Students who finish their ALEKS work before the deadline can work on other topics in the course pie. At the end of the quarter your lowest score from this category will be dropped.

ALEKS Homework Guidelines:
You should keep a notebook 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.

In-Class Work:
You will be actively participating in learning activities and group work every during every class. These are the lessons for this course. The activities are designed to help students develop and understand the concepts behind the math skills and how to apply them to various situations.
The experiences gained from working in the groups will be a major component in determining your success in this course.
You will get 5 points for finishing each activity.

Attendance Policy:
For every day you will collect 5 points that will be added to your In-Class Assignments score.

How to find information?

Notes online:
Class notes, syllabus, calendar will be available from the link on my instructor website.

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.
I will send updates and important information via email. You can forward the email from LBCC account to another account, that you use.

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

Use the Learning Center of Annex:

- The Learning Center or Annex in the Benton Center, are excellent places 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.)
- There is free wifi available (and lots of places to plug in so your battery won't be depleted.)
- The relaxed atmosphere and table arrangement provide a great location for **study groups** to meet and work.
- Instructional assistants are available at the **help desk** and the **Math Angle** on the main campus to answer your math and ALEKS questions
- The Learning Center offers some **free individual and small group tutoring** in addition to the help desk.

Expectations for you

Expectations:

- I expect that my students will be involved in class. This includes being present, asking questions and participating in discussions and group work.
- Please bring your notebook, your work, tablet/laptop, etc. with you to every class.
- We all come with different backgrounds to this class and we are learning together. I expect respect and kindness in our classroom.
- Please turn off and/or put away your cell phone, mp3 player, laptop, etc. during class unless it is being used for an activity so as to avoid causing a distraction.

Help:

If you have questions, please **come see me**! 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.

Upon successful completion of this course, you will be able to:

- Interpret and analyze functions to find information such as domain, range, variable and function values.
- Model application problems using appropriate algebraic models.
- Communicate mathematical concepts, processes and solutions.
- Apply algebra skills to topics such as factoring polynomials, solving quadratic equations, and simplifying expressions.

College wide rules and assistance

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.

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

I reserve the right to make changes to the syllabus/calendar at any time.