

## SYLLABUS: MTH 75 Variables and Linear Equations

**Instructor: Russ Burchard**

**Email:** russ.burchard@linnbenton.edu

**Office Hours (WOH-104):**

[See my website.](#)

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Mon/Tues/Th/Fri 8:00-8:50	WOH-112	CRN: 26387	Class code for testing: _____
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### Attendance requirement to stay enrolled:

You must attend class all hours of the first week or you will be dropped from the course.

**LBCC Email:** Outside of class, I will communicate with you using LBCC email.

- Check it regularly! When I send you an email, I will assume you got it.
- When you want to get in touch with me, send me an email from your LBCC email - not your personal email.
- For help with LBCC email, see the computer help desk in the library.

### Required Materials:

- There is no textbook for Math 75
- From the campus store: Course Materials Packet
- From the campus store or directly from ALEKS: ALEKS access code for 11 weeks or for 52 weeks if moving on to MTH 95. (If you purchased a 52-week code for a previous class and still have at least 11 weeks left on it, you can use that.)
- Tablet or Laptop (available for purchase or rent in the campus store if you don't have one).

[Minimum system requirements for use with ALEKS software:](#)

	Windows <sup>1</sup>	Macintosh	Chromebook	iPad	Android Tablet <sup>2</sup>
<b>Operating System</b>	7+	OSX 10.11+	Chrome OS	iOS 11+	Android 7+
<b>Screen Resolution</b>	1024x768+	1024x768+	Any	Any	8.9"
<b>Browsers<sup>3</sup></b>	Chrome 60+ Firefox 60+ Edge 41+	Chrome 60+ Firefox 60+ Safari 11+	Chrome 60+	Safari 11+	Chrome 60+

Notes: 1. Windows based Microsoft Surface tablets require the use of an external keyboard and mouse. 2. At this time only Samsung Galaxy tablets have been tested. 3. ALEKS multimedia requires that Flash is enabled in updated Chrome browsers.

## Grading Policy

You can view your grades on ALEKS. Grades will be based on the following:

Category	Percent of Grade
ALEKS Weekly Objectives/Homework	20%
ALEKS Topics Completion (whole pie)	5%
ALEKS Skills Tests (2)	20%
In-Class Work, including final project	25%
Concept Exams (2)	30%
Total	100%

Grading Scale
A: 90 -100%
B: 80 – 89%
C: 70 - 79%
D: 60 - 69%
NP: 0 - 59%

NP grade: An NP grade does not affect your GPA, but may affect financial aid eligibility (see <http://www.linnbenton.edu/current-students/money-matters/financial-aid/academic-standards-for-financial-aid>) and/or your ability to play sports. If you receive an NP, you must either retake the **entire** course or retake the LBCC Math Placement Test (in the Student Assessment Center) and score above the Math 75 level.

## Tests

- The ALEKS Skills Tests and Concept Exams will be taken in the Student Assessment Center in Red Cedar Hall. Once I have signed your testing ticket, you will have a few days to go in and take the test on your own time. These tests are not timed.
- There are no retests allowed for this course.
- If you miss a test deadline for one of the first three tests, I may allow you to take the test late. The maximum score you can get on a late test is an 80%. Deadline exceptions will not be made on the fourth test.
- There is not a final exam for this course.

## Homework

ALEKS is an adaptive online homework website ([www.aleks.com](http://www.aleks.com)). You will need to purchase an access code to get logged in. Your skills work will be completed on this site. Each week's skills 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. 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.

## ALEKS Homework Guidelines

I recommend that you keep a notebook for your ALEKS homework. Work through each problem and write up neat, readable solutions for your notebook. Include the original problem unless it is a lengthy word problem. My experience is that students who do this are more successful on ALEKS tests because they have something to review before the test.

## **In-Class Work**

Attendance is required in this class. We will be doing group learning activities almost every class meeting, and this work is a crucial part of the class. These activities must be done in class and cannot be made up. A portion of your grade will be based on attendance and on work from the in-class activities.

The activities are designed to help you 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.

## **Calendar of important due dates**

See the class calendar under the Math 75 tab of [my website](#) for due dates. Check back often, because dates will be added and test dates may change.

## **Expectations**

- I expect that my students will be involved in class. This includes being present, asking questions and participating in discussions and group work.
- You should come to class prepared (this means you should bring your notebook, tablet/laptop, etc. in addition to having your work with you).
- I expect you will be respectful of everyone in the class, in word as well as behavior.

## **Getting 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.

## **The Math Cafe and the Learning Center**

The Learning Center is an excellent place to study and to get help with your homework. The other LBCC campuses have similar facilities with Math Help available.

In Albany, we have the Math Cafe:

- A relaxed atmosphere where you can hang out and study (and drink free coffee)
- One of our math staff is there at all times to help
- Located inside the Learning Center
- Open to students taking Math 50, 75, 95, and 98.

The Learning Center also offers free individual and small group tutoring.

## **Computer access**

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.

## **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. At my discretion, you may also receive a grade of F for the course.

## **MTH 075 Variables and Linear Equations Course Description**

An introductory algebra course covering variables, writing and solving linear equations, graphing linear equations, and applications of linear models including proportions and systems of equations. Group work, problem-solving, and communication are emphasized in this course. Students will develop skills in conversion of measurement units and scientific notation. Credits: 4 Prerequisite: MTH 050 or Placement into the course.

## **MTH 075 Student Learning Outcomes**

1. Solve linear equations
2. Graph linear equations
3. Model real world applications with linear equations
4. Communicate the meaning of a linear equation
5. Solve systems of equations

## **Center for Accessibility Resources statement**

Students who may need accommodations due to documented disabilities, who have medical information which the instructor should know, or who need special arrangements in an emergency should speak with their instructor during the first week of class. 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.

## **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 BP1015 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)

## **Changes to the Syllabus**

I reserve the right to change the contents of this syllabus during the term. You will be given notice of relevant changes in class, through a Moodle Announcement, or through LBCC e-mail.