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| LBCC-primary-logo-one-color-black | **Foundations for Contemporary Math** Math 98 – Winter 2020 **Jeff Crabill, Instructor** MW(F) 1:00 – 2:50 (1:50) WH-208 |

Office: WOH-131 Student Hours: MWF 12:00 – 12:50

Phone: 541-917-4627 CRN: 32980 (also by appt.)

Email: Jeff.Crabill@linnbenton.edu

**Materials:**

* Math 98 Materials Packet (from the Campus Store).
* An internet connected device (laptop or tablet ideal)
* Three-ring binder for your course materials
* Paper, pens/pencils (several colors for notes) and any other stuff you like to have with you (post its, etc) for class.

**Overview:**

Math 98 is designed to prepare students for success in Math 105. **Students whose degree or program requires Math 75, Math 95 or Math 111 should not take Math 98.** Throughout this course the student will develop critical thinking skills, gain number sense, build estimation skills and solve realistic problems. By focusing on relevance and context, the student will learn to think algebraically, will understand basic statistics and will use data and functions in mathematical modelling.

**Course Goals and Outcomes:**

Upon completion of the course, the student will be able to:

* Demonstrate knowledge of numerical skills in a variety of contexts based on the course objectives
* Interpret and communicate statistical and mathematical concepts using a variety of graphical and computational methods
* Apply algebraic skills and reasoning to solve problems based on the course objectives; and Identify properties of a function and create mathematical models.

**Grading:**

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| Your grade will be weighted as follows and calculated as a **weighted average** of your scores in each category.  Your notebook 15%  Online HW 15%  Online Reflections 10%  Big Idea Projects 30%  Tests 30% | Grades will be given on the standard scale of percentage of total points:  90 – 100% A  80 – 89% B  70 – 79% C  60 – 69% D  <59% F |

**Some grading details**

Notebooks: Notebooks will be “graded” on the day of each test. Notebooks earning an A grade will be: In a 3-ring binder, organized, completed and corrected

Online Homework: Every couple days, you will have just a few homework problems due through our online platform My Open Math. This gives you a chance to immediately reflect on your learning and understanding.

Online Reflections: Research indicates that one of the best things you can do to increase your learning is to write about it. Reflective Writing entries are graded using the following criteria:

* completeness (all the questions for a particular entry are addressed);
* the level of insight and reflection (evidence that you response is thoughtful and you took time on it);
* that support is provided for the observations and conclusions you make; and
* the extent to which relevant course content (from class and elsewhere) is integrated into the entries.

Big Idea Projects and Summaries: Each assignment will have a description and a grading rubric. This helps you identify your goal for the grade you want to earn.

Tests: For each test there will be an open note portion and a closed note portion.

**What does a typical week include?**

Class typically starts with **checking notebooks** and **answering questions** – I will be looking to make sure that you **read and completed** everything we worked on during the previous class. I will also check that work has been corrected using the **answer keys** that will be posted on **My Open Math.**

During class, we will switch **learning modes** – sometimes you’ll work with your group, sometimes I’ll ask for a class discussion, and sometimes I will write notes and examples on the board. I will tell you when we are switching learning modes.

If we don’t finish a handout, that is your **paper** **homework**. You should finish it by the next class. It will be checked as part of your notebook.

On **Wednesday and Friday** by midnight, an **online homework assignment** is due.

On **Monday**, a short set of **online homework assignments** and your **reflections** from the previous week will be due.

I will do my best at the end of every class to remember to write the assignments on the board – make sure to **check My Open Math for any changes**.

**Course Website:**

BD06496_

Your course website is [www.MyOpenMath.com](http://www.MyOpenMath.com)

Your course number is **62467**

## Course Policies:

1. If you cannot attend the day of the announced midterm and you miss the exam, you must make arrangements ahead of time with the instructor. If that does not occur, then your final exam grade will be used for BOTH exams.
2. Exams will not be returned to students. Students are expected to review all assessments in detail with their instructor individually, so plan to spend some time chatting in my office!
3. Late Work Policy

For work on MyOpenMath.com, you have 6 late passes to use at your discretion.  
For Big Idea Projects, late submissions will incur a 25% penalty. You should turn in the project on the due date even if it is not completed.

1. Incompletes are given solely at the instructor’s discretion only to students who are passing otherwise and who have verifiable extraordinary extenuating circumstances legitimately preventing the completion of the course. Incompletes are given only when students have finished at least 75% of the course material. Students who have finished less should withdraw from the course prior to the 7th week withdrawal deadline.
2. The instructor reserves the right to modify this syllabus at any time. Changes will be announced in class.
3. Any policy or procedure not directly addressed in this syllabus document shall be at the sole and complete discretion of the instructor. By enrolling in this course, you agree to abide by the decisions of the instructor.

**LBCC Email:**

You are responsible for all communications sent 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. If you choose not to use the college supplied email, make sure those messages get forwarded to the email account of your choice.

**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**

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 the class, please talk to your instructor as soon as possible to discuss your needs. If you believe you may need accommodations but are not yet registered with CFAR, please visit the [**CFAR Website**](https://www.linnbenton.edu/cfar) for steps on how to apply for services or call [(541) 917-4789](tel:5419174789).

**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)

**Basic Needs Statement**  
Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Roadrunner Resource Center for support ([resources@linnbenton.edu](mailto:resources@linnbenton.edu) , or visit us on the web [www.linnbenton.edu/RRC](http://www.linnbenton.edu/RRC)  under Student Support for Current Students). Our office can help students get connected to resources to help. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources that they may possess.

Math 98 will **feel very different** from previous math courses!

**Behaviors and choices that will HELP**

* Embrace the growth mindset
* Dump the expectations and assumptions from past math courses
* Trust the group process and ask your team lots of questions
* Be gritty! Stick with something until it’s finished or time to take a break.
* Ask questions of your team!
* Form targeted questions about something specific you are working on.
* Exclaim “I got it wrong! Go me!”
* When feeling bummed, add the word “yet” to your thoughts and see what happens! (I can’t find the right solution, yet!)
* Hold your team accountable for their behaviors
* Help your team by asking them specific questions to lead them through their work. (Coach instead of tell!)

**Behaviors and choices that will NOT HELP**

* Generic questions (Ex “How do I do this?”)
* Copying work (why waste your time?)
* Banned words (there will be more, I’m sure!)
  + Just
  + Easy, hard, etc
  + Can’t
* Complaints, fears, worry, listening to the inner critical voice
* Skipping class, being embarrassed in any way

Here’s room to write more thoughts this term!