

**MATH 392 SYLLABUS: FALL 2011
COLLEGE ALGEBRA FOR TEACHERS**

Professor: Dr. Laurie Burton
Office: MNB 122

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OFFICE HOURS & SCHEDULE					
Time	Monday	Tuesday	Wednesday	Thursday	Friday
10 – 11	Office		Office		Generally not on campus
11 – 12	Lunch	Office	Lunch	Office	
12 – 1	396	Lunch	396	Lunch	
1 – 2		Meeting			
2 – 3	Office	392	Office	392	
3 – 4					
4 – 5		Meetings			

Please feel free to drop by my office during my office hours for help. You do not need to make an appointment to come to office hours. At times other than my listed office hours you are welcome and encouraged to call or email me with questions about the course. If you have direct scheduling conflicts with my office hours and would like further help, please let me know.

PREREQUISITES

Math 211, 212 & 213; each with a grade of C- or better.

REQUIRED COURSE MATERIALS

- Math 392 Course Pack: "Visual Algebra for College Students," Laurie J. Burton, Western Oregon University, available at the WOU bookstore.
- Large 3-ring binder, at least 2" & 3-ring section dividers that can be labeled.
- A scientific calculator with at least the capabilities of a T. I. – 83 is required. A T. I. – 83 or 84 is highly recommended. The WOU bookstore sells and rents calculators.
- Plastic or index algebra pieces made by *The Math Learning Center*
 - MLC price: \$25 (plastic)

MATH LEARNING CENTER 1850 Oxford Street SE Salem, OR
1 - 800-575-8130 Monday - Friday, 8 a.m. - 4:30 p.m.
<http://www.mathlearningcenter.org>

Plastic Algebra Piece Catalog Item number: ALP

RECOMMENDED COURSE MATERIALS

"Math and the Mind's Eye," *The Math Learning Center* reference books
"Modeling Integers," Albert Bennett, Eugene Maier and Ted Nelson
"Picturing Algebra," Michael Arcidiocano and Eugene Maier
"Graphing Algebraic Relationships," Eugene Maier and Michael Shaughnessey
"Modeling Real and Complex Numbers," Eugene Maier and Ted Nelson
"Sketching Solutions to Algebraic Equations," Eugene Maier

These reference books are strongly recommended for future middle school teachers. We will not use them in class this term; your course pack text is designed for college students and covers all of the MME topics.

CLASS WEB PAGE

There will be a link for the Math 392 web page on my home page: <http://www.wou.edu/~burton/> In particular, the class schedule: "Assignments & Activities" will be linked to your Math 392 web page and will include class activities, homework assignments and due dates.

COURSE PURPOSE

This class is designed for students planning to be elementary and middle school teachers. In this class we will explore the basics of algebraic structure, expressions and equations with an emphasis on problem solving and hands on activities.

COURSE STRUCTURE AND ATTENDANCE

Class will primarily be interactive problem solving sessions. You must bring your coursepack text to class every day. Your attendance and participation in class is crucial and required in this course. We will regularly explore new ideas during class and it will be difficult to make this work up on your own. Many of the items in the course pack do not stand alone; they need introductory comments and supportive questions that will be presented in class. All students will be expected to enthusiastically engage in group work and in whole class sharing discussions (including sharing work at the board or overhead). This sharing and discussion cannot be made up. Please make EVERY attempt to come to every class.

COURSE ASSESSMENT COMPONENTS

Component	%
Graded homework assignments	30
10 minute quizzes (drop low quiz)	10
Chapter 1, Chapter 2 and Chapter 3 Exams	30
Oral Final Exam	30
Total	100

HOMEWORK ASSIGNMENTS

Homework is due on Thursdays (Tuesday, week 9). See your course web page for the class *Homework Guide* which describes the quality and presentation expectations for homework in Math 392. All homework questions will be reviewed for completion and some questions will be directly graded.

Late Homework Policy

30% deduction per class day (TR). All work is due by 4:30 p.m. Work turned in after 4:30 p.m. = the next calendar day. No notification is required to turn work in late. It is reasonable to expect that each of us may turn in one or two items a term one or two class days late. This should not have a large impact on your overall course grade. Excessively turning in work late will have a very strong impact on your overall course grade. Work that is three or more class days late will not be accepted.

QUIZZES

On Thursdays (Tuesday, week 9), class will begin with a 10 minute quiz. Quiz dates and sections covered are noted on your class homework and assignment webpage.

EXAMS

As noted on your homework and assignment webpage, each chapter will be followed by a chapter exam. You will find a review Chapter Vocabulary and Topics list and a Chapter Practice Exam at the end of each chapter in your coursepack text.

FINAL EXAM (ORAL)

Each student in this course will be given an individual oral final exam. This will be described in detail in the Final Exam Paperwork linked to your class web page towards the end of the term.

STANDARD GRADING SCALE FOR THIS COURSE

(total % for the course, usual rounding rules apply)

% Range	Grade	% Range	Grade	% Range	Grade
93 – 100	A	80 – 82	B-	60 – 69	D
90 – 92	A-	77 – 79	C+	Below 60	F
87 – 89	B+	73 – 76	C		
83 – 86	B	70 – 72	C-		

CELL PHONE POLICY*

- Turn them off (not even on vibrate) during class
- Put them away—cell phones found out in class will be placed on the front table for the rest of the class.
- No texting during class
- Electronic item use during exams or quizzes will be treated as cheating and you will receive a zero score on that exam or quiz.

YOUR STUDENT WOU EMAIL ACCOUNT

* If you are in an emergency situation in which you need to have your cell phone on quiet; please speak to me about it before class.

All official university and class business and announcements will be directed to your WOU student email account. If you do not regularly check this account, please log in to this account and FORWARD your WOU email to an account that you do regularly access. For the “old webmail”; use Options > Mail > Local Account > Forwarding path.

APPROPRIATE CLASSROOM BEHAVIOR

You are ultimately responsible for your own attendance and performance. Disruptive classroom behavior of any kind, such as talking during lecture or consistently coming to class late etc., is not appropriate. Proscribed Conduct for all students is described in the University Catalog.

In particular for this course any student found cheating on an exam or copying from another student's exam paper will receive a zero score on that exam and a report of this activity will be sent to the Student Affairs office.

VETERANS AND ACTIVE MILITARY PERSONNEL with special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor.

LEARNING DISABILITIES

If you have a documented learning disability, please talk to me during the first few days of class, I will be more than happy to accommodate you. If you have a documented disability which requires any academic accommodations, you must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations. You can drop by APSC 405 or contact ODS at (503) 838-8250 (V,TTY) to schedule an appointment.

To set up an *Accommodations Contract*, please bring a laptop with wireless access to my office hours to log into your personal AIM account and set up the contract. If you don't own a laptop with wireless access, please contact ODS for assistance.

INCOMPLETE POLICY

An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents them from completing the course.