

Math 65 – Algebra II - Spring 2016 – Class Meets MW - GRV 110, 3:15-5:00pm – CRN 21671

Instructor: Liz Coleman

Office: GRV 214

Office hours: MW 11:30-1pm;

Smart Lab: Fri 11:00-1pm in GRV 234

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Course Description: This course continues with the development of the manipulative algebra skills from Mth 60. This course covers: algebraic expressions and polynomials, factoring algebraic expressions, rational expressions, roots and radicals, quadratic equations, and systems of equations.

Pre-requisite: Mth 60 with a grade C or higher, or by proper placement test score.

Learning Outcomes:

1. use the algebra of exponents to simplify expressions and perform arithmetic on polynomial expressions including factoring polynomials.
2. graph, using a two-dimensional Cartesian coordinate system, quadratic expressions.
3. solve application problems dealing with quadratic models.
4. investigate and solve problems involving quadratic equations by factoring and the quadratic formula.
5. simplify radicals, perform arithmetic operations on radicals, and solve radical equations.
6. solve equations involving rational expressions.

Instructional Methods

This course is taught using a variety of instruction including lecture, class discussions, and small group work.

Textbook & Materials

Course pack – mandatory – available at the bookstore

Textbook Title: Introductory & Intermediate Algebra by D. Franklin Wright (*software/hardbook package*). The textbook is **optional** but you need to buy access to the software either the downloadable version or web version. *If you took our Math 60/65 with Hawkes, you will not need to repurchase it!* ISBN: 9780918091970

Publisher: Hawkes Learning Systems www.hawkeslearning.com

Hawkes School ID: **COCCCOMBO**, you will need this to register your software and get into my grade book

Topics and Assignments: See the Tentative Topic Schedule and Deadlines hand out. A copy of the hand out is also available on my Directory page. See your Hawkes Progress report to review your grades and your Hawkes Home Page as well, to check on your due dates for *homework* (aka Certifies) and *Hawkes Cumulative Reviews* (HCR's, in place of quizzes).

Other important dates:

April 1	Last day to begin attendance in a new class
April 8, 5pm	Tuition due and last day for full refund
May 13, 5pm	Last day to drop classes with no grade on transcript
May 30	Memorial Day (no classes); College is closed
June 1, 6pm	Last day to withdraw, receive a "W" grade (need instructor's signature)
June 6-10	Finals Week (ours is scheduled for Wed. June 8, 3:15-5:15 in GRV 110)

The following Grading Scale will be used in this course:

A	94 or better	Exceptional	C+	77-79.4	Better than satisfactory
A-	90-93.4	Superior	C	70-76.4	Satisfactory
B+	87-89.4	Excellent	D	60-69.4	Not Satisfactory
B	84-86.4	Very good	F	59.4 or less	Not passing
B-	80-83.4	Good			

IF YOU STOP COMING TO CLASS PLEASE REMEMBER TO OFFICIALLY DROP THE CLASS OTHERWISE, YOU WILL RECEIVE AN "F" FOR YOUR GRADE.

Please do not use your cell phone during class. Have the ringer turned off, and do not use it for text messaging -- it's too distracting.

Disclaimer: The contents of this syllabus are subject to revision at the discretion of the instructor.

Assessment

Homework (aka Certify) (10%): Homework will be handled electronically through the Hawkes Learning System (HLS) and is due by 11:55 p.m. on the due dates – see the Topic Schedule and Deadlines handout. Homework points are earned in the "certify" portion of the software. Homework is certified when at least 80% of the questions are answered correctly. Once this 80% level is achieved by the deadline, the homework receives a score of 100%. A late penalty of 10% for one day late; 30% off for 2 days late; 40% for 3 days late; 50% for up to 10 days late and no credit after 10 days late. **Any HLS homework must be completed by the night before the final. Your lowest two homework scores will be dropped from your overall grade near the end of the term.**

Hawkes Cumulative Reviews – HCR - (in place of Quizzes) (10%): There are 8 HCRs, one due each Tuesday by 11:55 p.m. starting the third week. There will be 15 to 20 questions on each HCR and the questions come from material covered since the beginning of the term. The HCRs can be worked on anywhere providing you have Internet access. HCR's are available on Monday, 8 days prior to the due date, except the first and last HCR. Students are allowed three attempts on each HCR with the best score recorded in the grade book. *All HCR's must be completed by their respective deadlines, no late HCR's will be accepted. Your lowest HCR score is dropped from your overall grade. Once you open up an HCR you need to complete it in one sitting but you get unlimited time.*

In-Class Activities (20%) (All the In-Class Activities are available in a course pack from the bookstore):

- In-class Work Sheet Notes and Take-Home problems at 20 points each and due either the next class or class after next, due dates finalized in class. Late notes are reduced by 25% and accepted only up to a week late.
- Weekly In-class Activities are also in the course pack and are due weekly. The first is due Monday of the second week, the second activity is due Monday of the third week, etc., at 50 points each. Late activities are also reduced by 25% and accepted only up to a week late.
- The sum of all the points will be tallied and you will only need to get 90% of the total possible to get the full 20% portion of your overall grade.

Tests (40%): There are two in-class written tests, each cumulative from the previous material covered.

Final Exam (20%): is cumulative, written, and held Wednesday, June 8th, 3:15-5:15 in GRV 110

Students Rights and Responsibilities:

Please read the Students Rights and Responsibilities handbook available at:<http://studentlife.cocc.edu/Resources/Policies/default.aspx>

Americans with Disabilities Statement & Non-Discrimination Statement:

COCC is an affirmative action, equal opportunity institution. Students with documented disabilities who may need special instructional accommodations or who may need special arrangements in the event of an evacuation should notify the instructor as soon as possible, no later than the second week of the term. Students may contact COCC Disability Office in the Boyle Education Center to discuss special needs, 383-7583.

COCC Non-Discrimination Policy:

Central Oregon Community College is an affirmative action, equal opportunity institution..

It is the policy of the Central Oregon Community College Board of Directors that there will be no discrimination or harassment on the basis of age, disability, gender, marital status, national origin, race, religion, sexual orientation, or veteran status in any educational programs, activities or employment. Persons having questions about equal opportunity and non-discrimination, please contact Human Resources for referral to the appropriate personnel, 383-7236.

Student Insurance:

Students are not covered by medical insurance while on campus or involved in college classes and activities. Students are responsible for their own medical and dental insurance coverage. Information on student insurance coverage can be obtained at the student health center in Grandview or at the cashier in the Boyle Education Center.

Dropping a Class/Audits:

The end of the 7th week of the term is the last day to change from a grade to an audit, or vice versa. This date is also the last day to drop a course without receiving a W on your transcript. After the 7th week and by the end of the Wednesday prior to finals week, you may drop a course and receive a W on your transcript with permission from your instructor.