

SYLLABUS

Instructor: Dr. Yun Yoo

Course Number: Math 017 **CRN:** 11837 **Section:** 027

Class Time: Tuesday and Thursday between 5:15 pm and 6:35 pm

Classroom: BR-10

E-mail: yyoo@ccp.edu (The best way contact me)

Office: B1-9D

Phone: 215-751-8317

Office Hours: Mondays: 1:30 pm-4:30 pm, Thursdays: 3:30 pm-5 pm

Thursdays/Tuesdays: 8:40 pm-9:25 pm,

or an appointment

Text: **Math 017 Text (elephant book)**

<http://faculty.ccp.edu/dept/math/developmental.html>

(You also can find online versions from math webpage, so you can download them for free)

Webpage: <http://faculty.ccp.edu/faculty/yyoo>

Course Description: Integer and rational arithmetic, algebraic expressions, linear equations and inequalities in one variable, rectangular coordinates, linear equations in two variables and their graphs, polynomials, factoring, quadratic equations.

Calculator: The use of calculators on tests and quizzes will not be permitted. It is recommended that you do not use calculators outside of the classroom when working on assignments. The purpose of assignments outside of class is to prepare you for the tests and quizzes, and this goal can be best achieved if you do not use a calculator.

Prerequisites: MATH 016, Credit will not apply toward graduation.

Homework: It is especially important that you keep up with the homework. We will discuss some of these problems in class, and I will be glad to help you outside class as well, but it is your responsibility to do the work. **Homework will be assigned, but it will not be collected.** **DO NOT ALLOW YOURSELF TO FALL BEHIND, AND SEEK HELP IF YOU ARE HAVING DIFFICULTY.**

Attendance: Attendance will be taken at each class by means of an "Attendance Quiz" These are for practice and fun. I will give you solutions of

each AQ at the end of class so that you shouldn't ask me solutions before taking exam. There is a college policy allowing at most 6 absences during the semester. In the event that you do not meet this policy, you may be dropped from the class. Regular attendance is necessary in order to master the material. It is your responsibility to find out what you have missed due to absence. It is important that you try to do the work you have missed.

Test: There will be 4 tests and a departmental final exam.

Makeup Policy: Missed tests can be made up only if a student has a justifiable excuse (as listed in the Students' Handbook). If you know beforehand that you will have to miss an exam, please contact me, so you can take the exam in advance of the rest of the class. In case of emergencies impossible to foresee, to be 'eligible' for a make-up exam, please contact me as soon as possible (by e-mail). Once it is determined that you indeed have a legitimate excuse, you will be given a make-up exam.

Final Exam: It will be given by the department. It will be comprehensive (all topics covered) and will consist of algebra along with a section devoted to arithmetic questions. When studying algebra you will have plenty of opportunities to review and get very proficient with arithmetic; KEEP PRACTICING. You can find a list of the arithmetic requirements as well as the requirements for the algebraic part of the exam, together with some examples, at <http://faculty.ccp.edu/dept/math/developmental.html>
Everyone must take a departmental Final Exam. If not, you will get "F" and no in-class test will be dropped.

Help

There are several resources for students with questions. First and foremost, you should participate and ask questions in class. If you still have unanswered questions, please feel free to stop by my office during the office hours. More importantly, **CCP provides free tutoring and workshops in Room B2-36 (South Learning Lab) for daytime and Room B1-28 (Central Learning Lab) for evening time.** Many students find it helpful to form study groups for doing homework and studying for tests. It is a great way to learn materials.

Grading: This course is a three credit course that does not apply towards graduation credits with three grades possible:
P03: representing a pass grade allowing you to register for the next course in the sequence
MP: representing a making progress grade requiring you to repeat this class

F: a failure grade requiring you to repeat this class.

The course average will be computed using **the average four test scores (72 %) and a departmental final (28%)**. Your written final grade will be determined as follow:

P03	65 % or above overall average
MP or F	Below 65 %

For more details for MP and F grade:

MP: To receive an MP grade, students must **complete all requirements** for the course. Requirements include attendance (not missing more than equivalent of 2 weeks of study), punctuality (being late no more than 3 times), completing all assignments, doing homework, taking all tests, quizzes, and a final exam. Students should be truly making progress: showing improvement and demonstrating the ability to pass the course given more time to do so. A student can get an MP grade with a lower average than a student who gets an F.

F: A grade of F is given if a student does not complete all requirements for the course or shows little progress during the semester.

Inclement weather: In the event of inclement weather there are several ways of determining whether CCP is open. You may listen for CCP's school closing number 238 (for day classes) and 2238 (for evening classes) on KYW radio at 1060 on the AM dial or check KYW's school closing web page at <http://www2.kyw1060.com/schools/> or for a price you may call KYW's school closing phone number at 1-900-737-1060.

Spring Semester 2012:

Final day to drop course for spring 2011 without penalty of 'F' grade: **Monday, April 9.**

Spring Vacation-No class: Monday-Saturday, March 5-10

Last Day to class: Thursday, April 26 for T/Th classes

Final Exam Wee: May 1-May 4, 2012

Final Remarks:

- **Avoid any behavior that can be disturbing to the class.**
- **Absolutely NO PHONE in the classroom.**
- **Be respectful to me and to your classmates.**
- **No food or gum during class.**
- **Be classroom on time if you really learn something from me.**
- **If you need to leave the classroom early, do it as quietly as possible.**

Lecture Schedules

Text: Math 017 Elephant Text

Week #1 (Jan 17-19)	T	Review math 016 materials
	Th	Review math 016 materials
Week #2 (Jan 24-26)	T	Lesson 1: Variables and algebraic expressions
	Th	Lesson 2: Algebraic expressions and their evaluations; Order of operations
Week #3 (Jan 31- Feb 2)	T	Lesson 2: Algebraic expressions and their evaluations; Order of operations
	Th	Lesson 3: Equivalent algebraic expressions
Week #4 (Feb 7-9)	T	Test 1
	Th	Lesson 3: Equivalent algebraic expressions
Week #5 (Feb 14-16)	T	Lesson 3: Equivalent algebraic expressions
	Th	Lesson 4: Operations on power expressions with non-negative integer exponents
Week #6 (Feb 21-23)	T	Lesson 4: Operations on power expressions with non-negative integer exponents
	Th	Lesson 4: Operations on power expressions with non-negative integer exponents
Week #7 (March 1-3)	T	Lesson 4: Operations on power expressions with non-negative integer exponents
	Th	Test 2
Spring Break: College Closed, March 5-10		
Week #8 (March 13-15)	T	Lesson 5: Multiplication of algebraic expressions, Rational expressions: simplification
	Th	Lesson 6: Addition and subtraction of algebraic expressions
Week #9 (March 20-22)	T	Lesson 7: Evaluation of more complicated algebraic expressions
	Th	Lesson 8: Generalities on equations; solving linear equations in one unknown
Week #10 (March 27- 29)	T	Test 3
	Th	Lesson 8: Generalities on equations; solving linear equations in one unknown
Week #11 (April 3-5)	T	Lesson 9: Solving linear equations involving fractions
	Th	Lesson 10: Graphing sets of the type on a number line

Week #12 (April 10-12)	T	Lesson 10: Graphing sets of the type on a number line
	Th	Test 4
Week #13 (April 17-19)	T	Lesson 11: Writing expressions in a prescribed way factoring the difference of two squares
	Th	Lesson 11: Writing expressions in a prescribed way factoring the difference of two squares
Week #14 (April 19-26)	T	Review for final exam
	Th	Review for final exam
Week #15 (May 1-May 4)	Departmental Final Exam	