



MAT 0020: Course Policies (09-2)

Text: *Elementary Algebra* by Carson/Gillespie, 2e
Coursecompass access code required (Booklet) State Exit Exam Supplement

Instructor: _____

Phone: 305 237 2431

E-mail _____

Office Hours

Monday	Tuesday	Wednesday	Thursday	Friday

Course scope: MAT 0020 is an integrated introductory college prep level algebra and arithmetic course intended to provide you with a foundation in basic mathematics necessary for studies at the college level. This course will *not* provide you credits toward your AA degree. **Course Prerequisites:** appropriate scores on the CPT.

Attendance: It is your responsibility to attend each lecture and keep records of assignments and other information delivered during class. Attendance will be recorded daily.

Homework: Online homework assignments may be accessed at <http://www.coursecompass.com/> Your instructor will provide you with the Course ID necessary to register for your section. You will also need an access code to register for Course Compass (this must be purchased). Please register as soon as you get it. Your homework for the entire semester has already been assigned.

Grading policy: There are three possible grades in this course and they will be awarded based on the following point system:

Activity	Max. Points
Tests	800
Homework	100
Exit Exam	100
Total	1000

S – Satisfactory - promotes you to the next course. In order to pass the course with an ‘S’, **all** of the following conditions must be met:

- 1) Earn at least 560 points on the tests (that is at least a 70% average).
- 2) Pass the State Exit Exam by attaining a score of at least 60%.
- 3) Achieve at least 70 points on the online Assignments (that is at least a 70% on that activity). All homework assignments will graded and posted in <http://www.coursecompass.com/>
- 4) Complete 32 hours of math lab time in room 3319. You may do your Coursecompass homework during this time.

P – Progress - indicates that, although you have acquired some knowledge, you are not ready for the next level. A grade of “P” is for students who completed all the course material (test) but were unsuccessful in achieving the grade required for an “S”. (Good attendance and completion of at least 5 of 6 classroom exams

AND the exit exam is required to obtain a “P”).

U – Unsatisfactory - indicates that you have not acquired the required basic skills and must repeat the course.
Any student who stops showing up and forgets to drop the course will get a grade of “U”.

There are no make-up exams. The exit exam may count as two test grades and allow you to replace the missing exam.

Calculator Policy: Calculators are not permitted on the State Exit Exam or any classroom exam.

Academic dishonesty: Any instance of academic dishonesty (refer to the *Handbook of Students’ Rights and Responsibilities, Proc.4035*) will result in a grade of **F** for the course and can carry an even more severe penalty such as suspension or expulsion. *Take pride in your own achievements, an unearned passing grade is not worth the paper it is written on.*

MAT 0020 60 Class Meetings SCHEDULE

DAY	DATES	SECTION	TOPIC
	T 1/5/10		Introduction to the Course
1	W 1/6/10	1.1s, 1.2s, 1.3s	Reduce, Multiply, and Divide fractions
2	R 1/7/10	1.4s	Add and Subtract Fractions
3	M1/11/10	2.1s, 2.2s, 2.3s	Change Decimals to Fractions; Add, Subtract, Multiply Decimals
4	T1/12/10	2.4s, 2.5s	Dividing Decimals; Fractions and Decimals together
5	W1/13/10		Review
6	R1/14/10		Test 1
7	T1/19/10	1.1	Sets, Number Systems, and Absolute Value
8	W1/20/10	1.3	Adding and Subtracting Real Numbers; Properties of Real Numbers
9	R1/21/10	1.4	Multiplying and Dividing Real Numbers; Properties of Real Numbers
10	M1/25/10	1.5	Exponents, Roots
11	T1/26/10	1.5	Order of Operations
12	W1/27/10	1.6	Translating Word Phrases to Expressions
13	R1/28/10		Review
14	M2/1/10		Test 2
15	T2/2/10	1.7	Evaluating Algebraic Expressions
16	W2/3/10	1.7	Simplifying Algebraic Expressions
17	R2/4/10	2.1	Equations, Formulas, and the Problem-Solving Process
18	M2/8/10	2.1	More Formulas and Solving
19	T2/9/10	2.2	The Addition Principle
20	W2/10/10	2.3	The Multiplication Principle
21	R2/11/10	2.4	Applying the Principles to Formulas
22	T2/16/10		Review
23	W2/17/10		Test 3
24	R2/18/10	2.5	Translating Word Sentences to Equations
25	M2/22/10	2.5	Geometry word problems
26	T2/23/10	2.6	Solving Linear Inequalities
27	W2/24/10	3.1	Set Up and Evaluate a Proportion
28	R2/25/10	3.2	Percent Equation
29	M3/1/10		Review
30	T3/2/10		Test 4
31	W3/3/10	5.1	Exponents and Scientific Notation
32	R3/4/10	5.2, 5.3	Introduction to Polynomials; Adding and Subtracting Polynomials
33	M3/8/10	5.4	Exponent Rules and Multiplying Monomials

34	T3/9/10	5.5	Multiplying Polynomials; Special Products
35	W3/10/10	5.6	Exponent Rules and Dividing Polynomials by monomials
36	R3/11/10		Review
37	M3/15/10		Test 5
38	T3/16/10	6.1	Greatest Common Factor
39	W3/17/10	6.1	Factoring by Grouping
40	T3/18/10	6.2	Factoring Trinomials of the form $x^2 + bx + c$
41	M3/22/10	6.3	Factoring Trinomials of the Form $ax^2 + bx + c$, where a does not = 1
42	T3/23/10	6.4	Factoring Special Products
43	W3/24/10		Review and cover 6.5
44	R3/25/10		Test 6
45	M3/29/10	7.1	Simplifying Rational Expressions
46	T3/30/10	6.6	Solving Quadratic Equations by Factoring
47	W3/31/10	9.1	Square Roots and Radical Expressions
48	R4/1/10	9.2	Multiplying and Simplifying Square Roots
49	M4/5/10	9.4	Adding and Subtracting Square Roots
50	T4/6/10		Review
51	W4/7/10		Test 7
52	R4/8/10	4.1, 4.2, 4.3	Coordinate System; Graphing Linear Equations
53	M4/12/10	4.4	Identify Slope and Intercepts, Graph Using Slope
54	T4/13/10	8.1	Solve a System of Equations by Graphing
55	W4/14/10	8.2	Solve a System of Equations by Substitution
56	R4/15/10	8.3	Solve a System of Equations by Elimination
57	M4/19/10		Review
58	T4/20/10		Test 8
59	W4/21/10		Review for the State Exit Exam - practice exams and examples
60	R4/22/10		Review for the State Exit Exam - practice exams and examples

Events during the semester may require changes to this schedule.

Last date to drop with 100% refund: Monday 1/11/10, (Drop with “W” – Wednesday, March 17th)

Computers, iPods, or any other wireless devices are not allowed during class unless there is a planned mathematical activity directed by your instructor.

Online support

Complete online course at <http://www.coursecompass.com/>

Addison-Wesley Math Tutor Center staffed by college math instructors offering tutoring by toll-free telephone, toll-free fax, email, and the net. Students may access this feature through their MyMathLab course.

On Campus Support

The **College Prep Math Lab**, located in room 3319, is available to you as additional support for your academic needs. All students enrolled in MAT 0024 are required to complete 32 lab hours. Lab operating hours:

Monday – Thursday: 9:00 AM – 9:00 PM

Friday, Saturday: 9:00 AM – 3:00 PM

We wish you a successful semester!

Suggested Homework Assignments:*Elementary Algebra by Carson/ Gillespie; Arithmetic Supplement; State Exit Exam Supplement*

Section	Page	Assignment	Section	Page	Assignment
1.1 s	5	1 - 24	4.3	298	7- 40
1.2 s	8	1 - 22	4.4	312	15 - 32
1.3 s	16	1 - 72	8.1	663	7 – 49 odds
1.4 s	27	1 - 80	8.2	676	7 - 29
2.1 s	33	1 - 10	8.3	687	7 - 34
2.2 s	37	1 - 36			
2.3 s	40	1 - 27			
2.4 s	46	1 - 50			
2.5 s	49	1 - 10, 17 - 20			
1.1	9	11 - 33, 41 - 60			
1.2	20	19 - 50, 53 - 60, 69 - 72			
1.3	37	9 - 80			
1.4	54	11 - 76			
1.5	67	11 - 74			
1.6	76	7 - 30, 35 - 44			
1.7	88	7 - 66			
2.1	113	5 - 29			
2.2	129	21 - 56			
2.3	141	7 - 32			
2.4	150	5 - 18, 37 - 42, 43 - 48			
2.5	160	7 - 40, 59, 61			
2.6	173	5 - 39			
3.1	201	27 - 49			
3.2	218	39 - 50			
5.1	392	7 - 30, 41 - 71 odd			
5.2	404	43 - 54, 67 - 85 odd			
5.3	413	5 - 29 odd, 35 - 57 odd			
5.4	425	7 - 32, 53 - 80			
5.5	439	7 - 34, 37 - 52, 55 - 67 odd, 77 - 98			
5.6	453	7 - 30, 43 - 62, 93 - 112			
6.1	480	33 - 89 odd			
6.2	490	13 - 66			
6.3	498	11 - 66			
6.4	507	7 - 40			
7.1	563	37 - 71 odd			
6.6	525	5 - 36			
9.1	741	15 - 30, 61, 63, 64			
9.2	751	5 - 8, 31 - 41			
9.4	770	7 - 12, 21 - 40, 59 - 70			
4.1	275	5 - 24			
4.2	287	7 - 46			