

DEV 095 ELEMENTARY ALGEBRA SAMPLE COURSE INFORMATION FOR SECTIONS 20 - 30

NOTE: THIS COURSE DOES NOT COUNT TOWARD THE HOURS REQUIRED FOR A BACCALAUREATE DEGREE.

Instructor: _____
Office Hours: _____
Contact information: e-mail: _____
Final Exam Date: _____

Course Coordinator: Mrs. Lynn Ford
Office: 165 MM
Phone: 775 – 2485 (leave message)
e-mail: lynn.ford@wright.edu

Text: Elementary Algebra, Fifth Edition by Coppage/Fleck/Holm/Rutter (Green cover)
Workbook: Elementary Algebra Workbook, Eighth Edition by Fleck/Florentine/Holm/Rutter (Yellow Cover)
A new workbook must be purchased for each enrolled quarter.

CALCULATORS: Only four-function calculators (TI-108 or equivalent) may be used in the DEV 095 classroom. **The use of any other electronic device is prohibited on the DEV 095 premises without written permission from the course coordinator.** All unapproved electronic devices (INCLUDING CELL PHONES, IPODS, GRAPHING OR SCIENTIFIC CALCULATORS, LAPTOPS, ETC.) must be secured in your backpack, purse, etc., and may not be in your hand, lap or desktop. As a matter of courtesy and respect for other students, cell phones should be turned off or set to vibrate. **Failure to comply with this restriction is a violation of Academic Integrity.** A first offense will require the student to leave the class that day and be counted absent. **A second offense will result in the student being reported to Office of Community Standards and Conduct and/or being removed from the course permanently.**

Attendance: Since mastery of new mathematical concepts depends on mastery of previous concepts, it is essential that you attend class regularly. To help you do well in DEV 095 the following Attendance Policy is **strictly enforced:**

***Each student must sign the attendance sheet at each class and each practice session.
It is the only verification of student attendance.***

Each 75 minute lecture is followed by a **required** 50 minute practice lab. If a student does not attend the lab or leaves early, it will be considered one-half of an absence. If a student does not attend the lecture, or attends neither lecture nor lab on the same evening, it is considered one absence.

- **A student with 5 absences receives a course grade of U. There are no excused absences.**
- **A student who fails to bring both the text and workbook to class or lab is considered absent from lab.**
- **A student who is absent on the day of a test *must* provide documentation of illness or other serious reason for said absence and *must* contact the course coordinator (see above) within two days of the test date to arrange for a makeup test.**
- **Tests must be made up within 4 days after the scheduled test date. Failure to do so will result in the student's receiving a grade of 0 for the test.**

Any questions about attendance or other issues should be directed to the course coordinator.

Grades: An average of 70% is needed to earn a passing grade (P). An average lower than 70% earns a grade of U and the course must be repeated. Your grade will be based on homework/quizzes, three tests, and a comprehensive final exam. **No extra credit is available.** Each test will comprise 20% of your grade, the exam will count 30% and the homework /quizzes will be worth 10% of your grade.

Following is a list of the topics and **lab** assignments for each class. The numbers in parentheses indicate the page number in the (yellow) workbook. **The instructor will assign additional problems for homework.** These should be begun in the “lab” session following each class and be completed before the next class. Do all of the assigned problems. Write out the solutions showing all work, just as you would on a test. Homework is due, and will be accepted only at the beginning of each class. Homework that was due on the date of a student’s absence will be accepted at the following class.

Class 1: Numbers (17), Factors (7), Laws (11), Coefficients & Exponents (1), Order of Operations (19)

Class 2: Notations (15), Polynomials (23), Combining Like Terms (5), Integers (43), Powers (49)

Class 3: Arithmetic with Negatives (29), Undefined Quotients (63), Inequality of Integers (41), Evaluation (33), Powers and Parentheses (45)

Class 4: Exponents (37), Quotients of Monomials (53), Simplification (61), Review for Test 1

Class 5: Review and **Test 1**

Class 6: Multiplying Binomials (81), Simplification (87), Multiply/simplify (79)

Class 7: Factoring Quadratics (75), Primes (83), Factoring Polynomials with Common Factors (73), Factor Completely ((69)

Class 8: Common Factors (65), Sum and Difference of Squares (91), Recognizing Squares (85), Squares (89)

Class 9: First Degree Equations (95), Solving Equations 107), Negative Numbers and Equations (99), Roots (103)

Class 10: Number of Solutions (101), Inequalities (97), Translating (109)

Class 11: Word Problems (113,114), Review for Test 2

Class 12: Review and **Test 2**

Class 13: Solving Equations (123), Isolating Variables (119),

Class 14: Translating (125,126), Word Problems (129-134)

Class 15: Graphs (145), Graphing Simultaneous Equations (147), Solving Systems of Equations (157, 158)

Class 16: Types of Systems (159), Simultaneous Solutions (151), Solutions of Inequalities (155)

Class 17: Word Problems (163,164) Review for Test 3

Class 18: Review and **Test 3**

Class 19: Review for Final Exam