

ICR FOR MATH-0361 LECTURE Spring 2018

Instructor: Vinh Nguyen, Ph.D.

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Instructor's Website: www.simulation-math.com

Text(s): Author, Title, Publisher, Edition

Title: Beginning and Intermediate Algebra with P.O.W.E.R. Learning

Edition: 4th

Author: Messersmith and Feldman

Publisher: McGraw Hill

Special Materials, supplies, equipment, and fees

Required Materials:

Students need to purchase a hardcopy of the textbook. Textbook is available in the bookstore.

Students are expected to bring to class a notebook with paper and pencils. A graphing calculator is not allowed. A scientific calculator is allowed. The TI-30XIIS is recommended and will be provided in the testing center.

Class Focus: Instructor's overview of the class

Course Description: Topics in mathematics such as arithmetic operations, basic algebraic concepts and notation, geometry, and real and complex number systems.

Requirements

Homework problems will come from textbook exercises.

No test grades will be dropped. You are allowed 1 attempt on each test, and they must be taken by the deadline set by your instructor.

The four unit tests are password protected and must be taken in the Math Testing Center. See below for location and hours. The final exam will be given in class on the scheduled final exam day, date and time will be announced later.

Attendance Policy:

Regular and punctual class attendance is expected at Tarrant County College. Student absences will be recorded from the first day the class meets. In case of absence, it is the student's responsibility to contact the instructor. Students absent on official school business are entitled to make up coursework missed. In all other cases, make up work will not be accepted. However, the student is expressly responsible for any work missed regardless of the cause of the absence. The student must discuss such work with the instructor and should do so immediately on returning to school.

Communication between the student and instructor is most important, and it is the student's responsibility to initiate such communication. Students who stop attending class for any reason should contact the instructor and the Registrar's office to officially withdraw from the class. Failure to officially withdraw may result in a failing grade for the course.

Class attendance and participation are essential to student success. The following attendance district guidelines apply:

A student in an on-campus course missing a total of 15 percent of the class meetings and not keeping up with the course assignments may be dropped at the discretion of the instructor.

Arriving late and leaving class early will also impact your number of absences.

It is extremely important that you are on time for class and that you remain in class for the entire class time. If you come in after class has started, it is your responsibility to check in with me after class to avoid being counted absent. Should a situation arise where you must leave early, you must let me know in advance. Should you leave early without advance notice, you will be counted as an unexcused absence for that day. The instructor may ask the student to leave the classroom if his/her behavior is disruptive to the class. Such behavior may include, but is not limited to eating, talking, cell phones ringing, and outbursts.

Term	# of Meetings	15% of Class Meetings	Student Dropped after X Days
16 week-1 day a week	16	2.4	3
16 week-2 days a week	32	4.8	5
16 week-3 days a week	48	7.2	8
13 week-1 day a week	13	1.95	2
5-week MWF	15	2.25	3
5-week MTWTh	20	3	3
5-week TTH	10	1.5	2
8-week MTWH	32	4.8	5
8-week MW or TTH	16	2.4	3
8-week MWF	24	3.6	4
4-week	16	2.4	3
3-week	15	2.25	3
*Online Dev Ed	32	4.8	5

Grading Criteria:

Homework (and other daily work) Average: 15%

Test Average 65%

Final Exam: 20%

Grading Scale:

90-100 A

80-89 B

70-79 C

60-69 D

0-59 F

Important Class Dates:

Classes Start: January 26th

Martin Luther King Day: January 15th

Spring Break: March 12th to March 18th

Last day to drop the class: April 12th

Final exam: May 4th at 9:30am in class (not in Testing Center)

Daily Class Assignments

This is a recommended schedule to complete the course on time. You may accelerate and finish early.

Week 1

1.2 Exponents and Order of Operations

1.3 Geometry Review

1.7 Algebraic Expressions and Properties of Real Numbers

Week 2:

2.1 Basic Rules of Exponents

2.2 Integer Exponents

Week 3:

2.3 The Quotient Rule

10.1 Square Roots

Test 1 Review

Week 4:

3.1 Solving Linear Equations Part I

3.2 Solving Linear Equations Part II

3.3 Applications of Linear Equations

Week 5:

3.5 Geometry Applications and Solving Formulas

3.7 Linear Inequalities in One Variable

Week 6:

Test 2 Review

Week 7:

4.1 Introduction to Linear Equations in Two Variables

4.2 Graphing by Plotting Points and Finding Intercepts

4.3 The Slope of a Line

Week 8:

4.4 The Slope-Intercept Form of a Line

4.5 Writing an Equation of a Line

Week 9:

Test 3 Review

Week 10:

6.2 Addition and Subtraction of Polynomials

6.3 Multiplication of Polynomials

6.4 Division of Polynomials

Week 11:

7.1 The Greatest Common Factor and Factoring by Grouping

7.2 Factoring Trinomials of the form $x^2 + bx + c$

Week 12:

Test 4 Review

Week 13:

Final Exam Review

Week 14:

Final Exam is on May 4 at 9:30am in class (**NOT** in testing center)

Additional Information

Classroom Etiquette:

1. Please be on time and remain in class for the entire class period. Should a situation arise that requires you to leave early, please let me know in advance. If you leave early without advance notice, you will be counted absent for that day.
2. Any disruptive behavior that interrupts the educational process will not be tolerated. You will be asked to leave and not return until you have met with me during my office hours.

SUGGESTIONS FOR SUCCESSFUL COMPLETION OF THE COURSE:

- Be in class, be on time, and stay the entire class period.
- Make homework a priority. Math is a skill that you **MUST** practice.
- Begin working on assignments immediately after attending lecture in class.
- Do your homework daily. Do not play catch up. You cannot afford to miss an assignment or exam!
- Do not be afraid to ask questions. We are here to help you!

TSI ASSESSMENT RETAKE POLICY

If a developmental math student retakes the TSI Assessment during the semester and tests into the next higher class, they should notify their instructor. The student has two options:

- 1) Discontinue the class. Student does not come to class or turn in any work. Consequences of this choice:
 - Student will receive a C in the course.
 - Student will be given EA (excused absence) for Attendance.
 - Student can sign up for the next course as soon as it becomes available.
- 2) Continue in the same course despite the higher TSI score. Student continues like all other students. Consequences of this choice:
 - Student receives the grade earned.
 - Student must come to class like any other student.

If the student does not notify the instructor, they will receive the grade earned on all assignments required for the course. Students should consult with their academic advisor and financial aid before discontinuing any class.

Faculty should consult the handout "Student retake of the TSI" and advise the student accordingly.

Communication:

Please keep all verbal and written communication professional and courteous. Please enter your course name in the subject line of any email you send to me. I will not open emails without a subject line.

Course Evaluation:

TCC and your instructor welcome your feedback. To complete an evaluation of this course, log in to Web Advisor. On the main Student page, you will see a link to course evaluations. The evaluation takes only about five minutes to complete. Your responses will remain anonymous and will not be made available to your instructor and his or her supervisors until after final grades are submitted.

Important Financial Aid Statement:

If you are a financial aid recipient, not completing this course will impact your financial aid eligibility. Before you drop this course consult with the Student Financial Aid Services office. If your grade in this course is less than a "C" consult with the Student Financial Aid Services office regarding the impact to your financial aid eligibility.

Important Phone Numbers:

ConnectMath Technical Support: 949-390-2095

TCC Police 817-515-8911

TCC Information Center 817-515-8223

Tutoring Information:**Math Tutoring Center Hours (TRTR 4829; 817-515-1336)**

Mon - Fri 8am – 8pm; Sat 9am – 5pm; Sun 12pm – 5pm

Math Testing Center Hours (TRTR 4913; 817-515-1329)

Mon - Fri 8am – 9pm; Sat 9am – 3pm (Students must enter 1 hour before closing)

Academic Dishonesty Policy:

Each of the following is considered academic dishonesty:

- Possession of practice tests/formulas/notes/textbook while testing.
- Removal of testing materials from the classroom or testing center.
- Display of a cell phone while testing. Consequently, cell phones must be turned off before testing.

Evidence of academic dishonesty will result in confiscation of test materials, notification to the mathematics department, and an automatic zero either on the assignment or in the course subject to discretion of the instructor.

Student Accessibility Resources (SAR):

Any student with a documented disability needing academic accommodations is required to contact the Student Accessibility Resources Office to schedule an appointment with the Coordinator of SAR. The office of SAR is responsible for approving and coordinating all disability-related services, and all discussions are confidential. Because SAR accommodations may require early planning and are not provided retroactively, students are urged to contact SAR, as early in the semester as possible. SAR is responsible for approving and coordinating all disability-related services. TCC professors will honor requests for accommodations when they are issued by SAR.

SAR office phone: 817-515-1295

Office Location: TRTR 3817A

Campus Carry:

Effective August 1, 2017, the Campus Carry law (Senate Bill 1.1) allows those licensed individuals to carry a concealed handgun in buildings on public community campuses, except in locations the College establishes as prohibited. Prohibited

areas include but are not limited to Theater and Performance Halls, Health Services, Testing Services, Counseling Services, Physical Education, Early College High School Programs, Child Care Facilities, and the TCC Police Department. Under the new law, openly carrying handguns is not allowed on college campuses. For more specific TCC regulations, go to <http://www.tccd.edu/services/police-department/open-carry/campus-carry-regulations/>. For emergency information, please go to the following link: <https://www.tccd.edu/about/emergency-information/>.

This document becomes official on the first day of the semester. After that the instructor reserves the right to make changes to this document if necessary. Each student will be notified in writing of such a change.