

Math 1010-12, Intermediate Algebra (CRN 20370), Spring 2012

MTWR 1:00-1:50pm (4 Credits), NIB 136

- INSTRUCTOR:** Dr. J. Shick *e-mail:* jshick 'at' dixie 'dot' edu *Phone:* (435) 879-4280
Office Hours: 12:10-12:40pm M~R; others by appointment *Office:* BRN 207
- PREREQUISITE:** MATH 0990 (Grade C or higher) within two years; OR ACT or equivalent placement score 18 or higher within two years of enrollment in this course.
- TEXTBOOK:** *Intermediate Algebra*; Martin-Gay, Fifth Edition. NJ: Prentice Hall
- CALCULATOR USE:** A scientific calculator is recommended. You may NOT share calculators during tests or quizzes.
- COURSE WORK:** The student's course grade will be determined by their performance on homework, quizzes, tests and the Final Exam.
- * **Final Exam:** It will be comprehensive (cover all material) and is scheduled among IMPORTANT DATES (see below).
 - **Homework:** Homework is preparation for tests and quizzes. It is on the Schedule below and may be collected at the next class meeting. Absenteeism is no excuse for not having it done on time. It will be worth up to 3 points per section. Late homework is worth at most 2 points and must be turned in by the Test for which it is preparation. The score is based on effort and completeness, including showing all work. Check your answers in the back of the text when possible. Label homework with chapter and section numbers. **Please start each section with a new page.**
 - **Quizzes:** A quiz may be given in class at any time without prior notice. **Quizzes cannot be made up for any reason.** Each will be worth 10 points and the instructor will use the top six scores for the course grade.
 - **Tests:** There will be six tests, as on the Schedule below, each worth 100 points. While tests are scored on SCANTRON score sheets, evidence of correctly working the problems (called "validation") is required for credit. **If an emergency arises on test day, call me during my office hour that day.** You may re-take one test during the term to improve your score. Additionally, The lowest test score can be replaced by the percent on the Final Exam. If you miss a test, you may use your re-take privilege to make it up. If a test must be missed because of conflicting **SCHOOL RELATED RESPONSIBILITIES**, it can be made up **only if prior arrangements are made.** Policy for Absences Related to College Functions may be found at <http://www.dixie.edu/humanres/policy/sec5/523.html>
 - **Course Points:** Final Exam--200 pts, Tests--600pts, Homework—140pts, Quizzes—60pts.
 - **Attendance:** *Statistics have shown that grades improve with better attendance. Roll will be taken and may be used in the event of a borderline course grade. You are responsible for all announcements and material covered in class.*
- GRADING SCALE:** Grades are based upon the percentage of points earned out of the total points possible, as follows:
- | | | | |
|------------|------------|------------|------------|
| 94%-100%=A | 90%-93%=A- | 87%-89%=B+ | 83%-86%=B |
| 80%-82%=B- | 75%-79%=C+ | 70%-74%=C | 65%-69%=C- |
| 60%-64%=D+ | 55%-59%=D | 50%-54%=D- | 0%-50%=F |
- DISABILITY RESOURCE CENTER:** If you are a student with a medical, psychological, or learning difference or think you might be, and would like accommodations, contact the Disability Resource Center (652-7516) in North Plaza. The Disability Resource Center will determine eligibility of the student requesting special service and determine the appropriate accommodations related to their disability.
- IMPORTANT DATES:** Please see <http://new.dixie.edu/reg/?page=spring2012> for the Final Exam schedule and other important dates.
- DMAIL:** Important information will be sent to your dmail account, including DSC bills, financial aid/scholarship notices, notices of cancelled classes, reminders of important dates and deadlines, and other information critical to your success at DSC and in your courses. If you don't know how to access your dmail account, go to www.dixie.edu and select "Dmail" from the left column. To locate your dmail username and password, go to www.dixie.edu, and click on "log in to student services" (upper right corner). Please check it often.
- ACADEMIC RESPECT:** Cheating and disruptive behavior will not be tolerated. Policy is at <http://www.dixie.edu/humanres/policy/sec3/334.html>
- HELP:** I am available by appointment or during my office hours, and will usually be after class. Free drop-in tutoring is available on the first floor of the Browning Learning Resource Center and on the second floor of the NIB. <http://dsc.dixie.edu/tutoring/index.htm>
- COURSE INFO:** Course description, objectives and outcomes for Math 1010 is at http://dixie.edu/math/math_1010.php
- COMPLETE WITHDRAWAL:** Dropping all classes by phone or online does not withdraw you from the college and you may receive all F's. You must contact the Advisement Center, complete a withdrawal form, and surrender your student ID card.
- CHANGES:** Although unlikely, this syllabus may be changed if deemed necessary by the instructor. All changes will be announced in class or emailed to the entire class. Absenteeism is no excuse for not being aware of the changes.

PRINCIPLES OF EFFECTIVE STUDY:

1. Work the problem to learn the concept, not merely to finish the assignment. Remember, you must demonstrate understanding on the tests.
2. Stay current with the assignments. In order to understand tomorrow's concepts you must be able to do today's work. Homework is the best preparation for the tests.
3. Read and study the text before class as a preview. If stuck on a homework problem, check the section for a similar example and follow it.
4. Use your SOLUTIONS MANUAL. It can be a valuable reference as you work the problems but be careful to learn the concepts and processes, not just to copy the manual.
5. A set of CD's of lectures for each section of the chapter is available at the library for you to study if necessary.
6. Get help when you're stuck! Fretting over your work robs you of self-confidence and is a terrible waste of time. Call or email me. Leave a message and I'll call back **ASAP**.
7. Take advantage of the free tutoring services (see HELP above)--they are worth every penny! You may wish to organize a study group for tutorial assistance. If you study with others don't quit until you can do the work alone.
8. Don't skip class even when you feel confident in the subject.
9. Get into the habit of organizing your work so it follows a pattern. Use your pencil to save your mind!

SCHEDULE: This Schedule is tentative; students are responsible for any changes announced in class.

MON	TUE	WED	THUR
Jan 9 2.1 1-65 E.O.O., 35, 67-72, 81	10 2.2 1-65 E.O.O. & 23,24,43,80	11 2.3 1-37 E.O.O. & 31, 51, 53 Last day to add without signature	12 2.4 1-73 E.O.O., 74, 75, 81-84 2.5 1-65 E.O.O. & 81,82,83,85
16 Holiday (no class)	17# 2.6 1-65 E.O.O. & 75, 76, 77 / 2.7	18 2.7 1-73 E.O.O.	19 Chapter 2 REVIEW
23 TEST 1	24 ! 3.1 1-16, 17-61 E.O.O., 65-72, 77-80	25 3.2 1-39 ODDS, 57-85 E.O.O., 55, 71, 75, 79, 95	26 3.3 1-53 E.O.O., 11, 31,73, 77 3.4 1-61 E.O.O., 35, 39, 43, 47, 55, 75
30 3.5 1-61 E.O.O., 39, 43, 47, 55, 75	31 !! 4.1 1-61 E.O.O., 73-82 ALL	Feb 1 \$ 4.2 1,3,5,9,17,21,39	2 !!! 4.3 1-33 E.O.O. & 7, 20, 55
6 Chapter 3 & 4 REVIEW	7 TEST 2	8 5.1 1-93 E.O.O., 95,111,113,135 / 5.2	9 5.2 1-37 E.O.O., 19, 47, 57, 69,73
13 5.3 1-85 E.O.O.,89-92,103,105,111 5.4 1-73 E.O.O., 75, 81, 83	14 5.5 1-65 E.O.O.	15 5.6 1-77 E.O.O., 67	16 5.7 1-53 E.O.O. & 83, 85, 87
20 Holiday (no class)	21 5.8 1-53 E.O.O., 71, 73, 75, 81, 87	22 Chapter 5 REVIEW	23 TEST 3
27 6.1 1-73 E.O.O.	28 6.2 1-65 E.O.O., 75, 77	29 6.3 1-41 E.O.O. / 6.4 1, 3, 5, 29, 30	Mar 1 * 6.5 1-45 E.O.O., 31
5 6.6 1-61 E.O.O., 31	6 6.7 1-53 E.O.O. & 23,31,47,51	7 Chapter 6 REVIEW	8 TEST 4
12—16 SEMESTER	BREAK	NO	CLASS
19 7.1 1-81 E.O.O., 109	20 7.2 1-85 E.O.O., 86	21 7.3 1-89 E.O.O.	22 7.4 1-73 E.O.O.
26 7.5 1-65 E.O.O.	27 7.6 1-61 E.O.O., 51, 55, 64, 66, 69	28 7.7 1-49 E.O.O. & 65,73,75,77	29 8.1 1-61 E.O.O., 75,77,81,83
Apr 2 8.2 1-33 E.O.O., 51,55,63,64	3 8.3 1,5,9,11,17	4 Chapter 7 & 8 REVIEW	5 ** TEST 5
9 9.1 1-33 E.O.O., 27,31,43,45	10 9.2 1-49 E.O.O., 15	11 9.3 1-49 E.O.O., 47	12 9.4 1-73 E.O.O., 31, 43
16 9.5 1-61 E.O.O., 35,43,55,59	17 9.6 1-65 E.O.O., 4, 51, 67	18 9.7 1-53 E.O.O., 47	19 Chapter 9 REVIEW
23 TEST 6	24 Final/Retake REVIEW Sign up for Retake/Make-up Test	25 Retake/Make-up Test	26 Final REVIEW

FINAL EXAM: Monday, April 30, 12:00 noon—2:00pm

LEGEND:

- # = Drop/Audit Fee begins (\$10/class)
- ! = \$50 Late Registration/Payment Fee
- !! = Last day for refund; Pell Grant Census; Last day to drop without 'W' grade
- !!! = Feb. 3 is the last day to Add classes
- \$ = Courses dropped for non-payment
- * = March 2 is the last day to drop a class or change to audit status
- ** = April 6 is the last day for Complete Withdrawal from Dixie State College

“Every Other Odd” (EOO) Numbers: 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85 (keep adding 4 to get next)