

**MATH 155 : INTERMEDIATE ALGEBRA**  
**Section 5585**

**SPRING 2018**

**Instructor: Dara Hill**  
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**Office Hours: MW 3 - 3:40 pm**  
**Bussman 1475**  
**Final: Mon. MAY 21, 1 - 3:45pm**

**Text:** Intermediate Algebra by Martin-Gay, 6<sup>th</sup> edition ( ISBN 9780321785046)  
and Solution Manual (ISBN 9780321785329)

**Prerequisites:** Math 150B or 151 with C or better, or recommending score on placement test

**Course Content:** The topics in this course include functions, equations and inequalities in one variable, systems of linear equations in two or three variables, exponential and logarithmic functions and equations, and discrete topics. Graphing calculators will be required. Find Course Outline at SRJC Home page, Academics, Course Outlines. Enter Math 155, Spring 2018, version 6.

**Materials:** 8.5x11 inch lined paper and graph paper, pencils and erasers  
Graphing Calculator : TI-83 or TI-84 recommended\*  
(no personal electronics may be used in class)

**Homework:** Homework will be assigned each class meeting and is due at the beginning of the following class. Selected problems will be discussed. Homework is scored on a scale of 1–10, based on the number of problems completed compared to the number of problems assigned and accuracy. All work must be shown neatly and graphs must be on graph paper. A list of answers will not be accepted. You are responsible for checking answers before class. Format will be explained in class. ***No late papers will be accepted.*** Your six lowest scores will be dropped.

**Quizzes:** There may be a quiz each week that there is no test. Quiz questions may consist of homework problems and/or similar problems. Quizzes will be collected and graded for accuracy (scale 1-20). ***No makeup quizzes will be given.*** Your two lowest scores will be dropped.

**Tests:** There will be four tests prior to the Final Exam (see course schedule).  
***No makeup tests will be given. Tests must be taken in class on the scheduled day.***  
Your Final Exam grade will be used to replace a missing test or your lowest test score if it improves your grade.

**Final Exam:** The Final Exam is May21 (Monday), 1 – 3:45pm .  
It will be a comprehensive exam, covering the entire semester.

***Failure to take the exam will result in failing the course.***

**Attendance:** You are expected to attend each class meeting. Actively participate by coming prepared, asking questions and taking notes. Understanding of each topic often depends on knowledge of concepts and vocabulary of previous topics.  
SRJC policy states that a student may be dropped for missing 10% or more of classes. Two tardies will count as one absence. If you must miss consecutive class meetings, please let me know.

**Grades:** Your course grade will be determined as follows.

Weights

Homework and Quizzes.....20%  
Tests.....60%  
Final Exam.....20%

Scale

90% or above.....A  
80% to 89%.....B  
70% to 79%.....C  
60% to 69%.....D  
below 60% or failure to take the Final Exam....F

**Classroom Expectations:**

1. Students are expected to abide by SRJC Student Conduct Standards and Policy on Academic Integrity. Please see your SRJC catalog :  
<http://student-conduct.santarosa.edu/>  
<https://studentlife.santarosa.edu/academic-integrity>
2. All personal electronics are to be turned off and put away before class starts. A dedicated graphing calculator is the only device allowed during class.  
***Use of personal electronics during a Quiz, Test or Final will result in a zero.***

**Accommodations For Students With Disabilities:** Please contact Disability Resources so accommodations can be implemented as soon as possible.

Tel: (707) 527-4278                      Email: [disabilityinfo@santarosa.edu](mailto:disabilityinfo@santarosa.edu)

**Resources:** Student Health Services - [shs.santarosa.edu](http://shs.santarosa.edu)

Math help is available from your instructor, the Math Lab in Shuhaw 1733 and the Tutorial Center in Doyle Library. See Math Dept. web site : Tutorial Resources.

Get a solution manual. Form study groups. Check on-line resources. Be proactive.

\*Graphing calculators can be checked out at the Bertolini information desk.

**Drop Dates :** 2/4 Drop without “W”  
4/22 Drop with “W”

**MATH 155 : INTERMEDIATE ALGEBRA**  
**SPRING 2018 , SECTION 5585, D.HILL**  
**MW 4:00-6:00 PM , SHUHAW 1715**

**TENTATIVE COURSE SCHEDULE**

17-Jan	Introduction ; Linear Functions 3.2, 3.3
22-Jan	3.4,3.5
24-Jan	Systems of Equations 4.1
29-Jan	4.2
31-Jan	4.4
5-Feb	4.3
7-Feb	Inequalities 2.4, 2.5, 2.6
12-Feb	2.7, 3.7, 4.5
14-Feb	Review Chapters 2,3,4
19-Feb	No Class - Washington Holiday
<b>21-Feb</b>	<b>TEST Chapters 2,3,4</b>
26-Feb	Polynomials 5.3, 5.4, review factoring
28-Feb	5.8
5-Mar	Rational Expressions 6.1, 6.5
7-Mar	6.6, 6.7
12-Mar	Review Chapters 5, 6 ; Radicals 7.1
<b>14-Mar</b>	<b>TEST Chapters 5,6</b>
19-Mar	No Class - Spring Break
21-Mar	No Class - Spring Break
26-Mar	7.2, 7.3, 7.4 (?)
28-Mar	7.4, 7.5
2-Apr	7.6
4-Apr	Quadratics 8.1, 8.2
9-Apr	8.3 & Applications
11-Apr	8.4 - 8.6
16-Apr	Review Chapters 7, 8 : Intro 9.1, 9.2
<b>18-Apr</b>	<b>TEST Chapters 7, 8</b>
23-Apr	9.3, 9.4
25-Apr	9.5, Intro 9.6
30-Apr	9.6, 9.7
2-May	9.8
7-May	Review Chapter 9 ; Sequences 11.1, 11.2
<b>9-May</b>	<b>TEST Chapter 9</b>
14-May	11.3, 11.5
16-May	Review for Final Exam
<b>21-May</b>	<b>FINAL EXAM 1:00 - 3:45 pm</b>