

Math 152A-05, Basic Algebra – Part I

SYLLABUS

Class:

Math 152A, Basic Algebra – Part I (9/24/13 – 12/12/13)

Instructor: Laurel Brock

Class meets: Tuesdays and Thursdays
6:00 pm – 7:50pm

Room: LTCC, A250

Prerequisites: A grade of “C” or better in Math 187B or equivalent or appropriate skills demonstrated through the Math Assessment process.

Course Description: This course is an introduction to algebra. I will be presenting the Real Numbers and their properties and operations, absolute value equations, simplifying algebraic expressions, linear equations and inequalities, applications with formulas, the rectangular coordinate system, graphing linear equations and inequalities, polynomials and their operations, integral exponents, and an introduction to functions. This course will connect math with the “real” world through basic word problems.

Instructor’s Contact Information:

Phone and Text: Monday – Friday (8am – 5pm): 530 - 307-9968

Email: brockfamily3@gmail.com

Grades: will be posted on www.BrocksMathClass.com

Office Hours: TBA

Call/ Text for an appointment

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152A - Student Learning Outcomes

The successful student in Math 152A will be able to:

1. Solve linear equations and inequalities.
2. Define and employ terminology and arithmetic relating to polynomials in one variable.
3. Determine the equation and graph a line given information about the line.
4. Manipulate expressions with integral exponents.
5. Apply course topics to real-world situations.

Methods of Assessing Student Learning Outcomes

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|------------------|---------------------|
| 1. Homework | 6. Presentations |
| 2. Quizzes | 7. Paper |
| 3. Chapter exams | 8. Journal |
| 4. Final exam | 9. Pre/post tests |
| 5. Projects | 10. Self-assessment |

Items that will assist you for class:

Textbook: "Elementary and Intermediate Algebra, 4th Ed, by Elayn/Martin-Gay

**there is an E-text with your MyMathLab subscription, good for one year.*

**CALCULATORS ARE NOT ALLOWED IN MATH 152A*

- Lined paper for note-taking
- Graph paper for the sections on graphing
- Pencil and extra eraser
- A six-inch straight edge
- Several different colors of pencils
(will help you in making your graphs easier to read)
- A yellow or light green highlighter
(may be helpful in notating handouts, your text, or your class notes)

GENERAL INFORMATION

1) **Getting registered:** With **WEBREG**, Students may enroll **ONLINE** up until **11:00 PM on the first day that class meets**. After that, you'll need a permit from A&R with the instructor's signature, in order to enroll.

2) **My make-up policy:** There is no makeup for quizzes. You may make up one exam, with a 10% penalty. If you can't take an exam with the class, **you must call me 24 hours before the exam**. I'll arrange for the makeup test, which you'll be required to complete **before the following class meeting**. If you miss a test on a Thursday for example you'll have to complete the test **before class begins** the following Tuesday. Homework assignments will be accepted late with a 25% penalty.

3) I allow extra credit and suggestions can be found on www.BrocksMathClass.com

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5) Learning disabled students: If you have a certified learning disability that may affect your performance in the class, please see me so that I can make sure that your needs are met. If you think that you may have a disability but have not yet been tested, you may inquire about this at the DRC, or at extension 249.

GRADING POLICY

During each part of Math 187AA and 187B, I will follow the grade breakdown below. Extra credit will be applied to your final exam grade. There will be two exams, three quizzes and a cumulative final exam for each part of 187. If you are still enrolled in 187AA, you'll receive a letter grade (A-F) for Math 187AA. Your grade in 187AA will decide whether you are eligible to start 187B. Each part of 187 will receive a separate letter grade.

23 Attendance Days (5 pts ea)	115 points
16 Homework Assignments (10 pts ea)	160 points
16 Pre-Lecture Review Assignments (5 pts ea)*	80 points
12 In-class Participation Points (5 pts ea)	30 points
8 Quizzes (20 pts)	160 points
4 Chapter Tests, (100 pts each)	400 points
1 Final exam	<u>200 points</u>
	1145 points total

90-100% = A

80-89% = B

70-79% = C

60-69% = D

Below 300 points, or students who drop out but don't withdraw at A&R: F

Please note: The above grades are what is appropriate for someone earning those percentage scores. However, your attendance and participation, your courtesy to others and your attitude in general will also play a part in your grade. A student who ends up between two grades at the end of the class (this is quite common) can ensure the higher grade with positive attendance and respectful behaviour. Students who disrupt the class with noise and tardiness, or who pose other types of behaviour problems can expect to be issued the lower grade, when say, a B or a C would be equally fair, or a C versus a D.

QUIZZES/TESTS are scheduled on the course calendar that can be found on www.BrocksMathClass.com. There will be no make-ups for quizzes or tests. Additional quizzes may be offered for extra credit. They will be announced in the lecture prior to the day given in class. **DO NOT BE LATE for any in-class exams, or you will NOT be given the exam!**

The grade of 'F' is usually reserved for students who drop out without informing A & R. At any time during the quarter, you can calculate what your percentage is.

Be aware that with only four letters at the instructor's disposal, it's quite common for students to end up midway between two letter grades at the end of the class. Your behaviour and your participation in class are likely to play a part in your final course grade. Be here. Be courteous and respectful of those around you. Students who behave in positive ways will get the higher grade.

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ATTENDANCE: Attendance is required. Students are allowed two absences with no explanation required. If you need to miss a class, please see me so that I know you aren't dropping. Also, make a friend in class who can tell you what you missed, and share notes with you.

HOMEWORK: Homework will be offered online at www.MyMathLab.com. You may turn in your homework online. The course code for the class can be found on www.BrocksMathClass.com. Homework will be accepted late with a 25% penalty.

ACADEMIC DISHONESTY (CHEATING):

Cheating will be defined as but not limited to: (1) using any method to copy another's work on an exam, quiz, or final (2) directly copying another student's homework assignment (3) allowing someone else to complete your work (4) using any method other than your own honest efforts to complete exams, quizzes, the final, or homework assignments.

The following activities are NOT cheating: (1) collaborating with other students to complete homework assignments (2) working with math tutors or academic coaches to complete homework assignments (3) working with other students to study for exams, quizzes or the final.

Disciplinary actions for cheating in this class: Cheating will result in a grade of zero on the item on which the cheating occurred. The worst thing about cheating, however, is compromising your character for such a small reward.

Habits that contribute to ACADEMIC SUCCESS:

- 1) Attend every lecture if you possibly can. Sit where you know you won't be distracted, and where you can see and hear what's going on in class.
- 2) Take notes, working along in class and keeping a glossary of unfamiliar terms.
- 3) Do all assigned reading **before class**, so that you can bring up points in class that you found confusing. Work the example problems as part of your reading.
- 4) Ask questions in class. Stay focused on math. Please limit your conversation in class to the topics being covered, and save your socializing for outside of class. Participation is part of your homework grade and expected each week. Participation credit can be received by writing down a question pertaining to the lecture or past lecture that can be answered before the class lecture is given.

LAUREL'S COMMITMENT

to the class

- I am very excited about being here to teach you. I care as much as you do about your comfort, well-being and accomplishments in our class. All that I do is designed to help you achieve success in math.

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- I will maintain, at all times, a respectful and learning-friendly environment for my students. Your input is encouraged and appreciated, when the topic is math. In particular, consistent tardiness, chit-chatting, cell phones and headphones are all discouraged. If your phone disrupts our class, you will be asked to leave, and you'll be marked absent for that period.
 - I will never embarrass or humiliate you. Period. You'll receive a courteous and respectful answer to any math question you wish to ask me. If you feel awkward about bringing something up that was covered previously, ask anyway. If we need to spend more time than we can take at the moment, we'll agree to meet later.
 - I will be on time, prepared and organized when I get to class. The earlier part of my day will be checked at the door. I will give 100% of my attention to the class.
 - I will not short-change you by setting low standards. Earning a 'C' or better in this class means you leave here with the necessary level of competency for success in your next math class. Students who don't need additional math classes will leave with the benefits of an improved understanding and mastery of algebra skills and topics, and a stronger confidence in mathematics than they'd known previously.
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SCHEDULE OF CLASS TOPICS AND HOMEWORK

Math 187AA and 187B, Instructor: Laurel Brock, Fall 2013

*Homework can be turned in online but a WORK SHOWN should be maintained in a separate notebook. I may ask to see your work shown notebook as extra credit.

If you choose to take your tests in the Math Success Center or DRC due to the individualized testing environment. You will need to make arrangements at least 72 hours prior to the day of the exam.

MAT 187AA / 187B Basic Mathematics [Brock – Fall 2013]

Check class website: www.BrocksMathClass.com for MyMathLab course codes

152A		152A	
Tuesday and Thursday 6:00 pm – 7:50 pm		Tuesday and Thursday 6:00 pm – 7:50 pm	
9/24	1.1 – 1.3	11/5	3.5 – 3.6 / Quiz #5
9/26	1.4 – 1.5 / Quiz #1	11/7	Test #3
10/1	1.6 – 1.8 / Quiz #2	11/12	5.1 – 5.2
10/3	Test #1	11/14	5.3 – 5.4 / Quiz #6
10/8	2.1 – 2.2	11/19	5.5 – 5.6
10/10	2.3 – 2.4 / Quiz #3	11/21	5.7 / Quiz #7
10/15	2.5 – 2.6	11/26	Chapter 5 Review
10/17	2.7	11/28	NO CLASS
10/22	2.8 / Quiz #4	12/3	Test #4
10/24	Test #2	12/5	9.4 and 12.1
10/29	3.1 – 3.2	12/10	All Chapter Review / Quiz #8
10/31	3.3 – 3.4	12/12	Final Exam

Your homework must be completed online at:

MyMathLab. Go online to MyMathLab.com and log in using your access code and my class ID: Make sure you are putting your “work shown” in a separate notebook. There is a 17-day trial period offered by MyMathLab to get you started. You can purchase access to the EBOOK and ASSIGNMENTS at the LTCC bookstore or at MyMathLab.com.

Grade reports will be posted on BrocksMathClass.com. MyMathLab grade reports will not include in class grades; therefore they are inaccurate.

Instructor Contact Information:

Laurel Brock
cell phone: 530-307-9968
brockfamily3@gmail.com
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