Math 187AA / 187B, Basic Mathematics Extended

<u>**Class:**</u>
Math 187AA, Basic Mathematics Expanded   (1/6 – 2/11)
Math 187B, Basic Arithmetic (Part II)   (2/17 – 3/26)

<u>**Instructor**</u>: Laurel Brock, email: brockfamily3@gmail.com; phone: 530-307-9968
<u>**Class website**</u>: www.BrocksMathClass.com

<u>**Class meets**</u>: Tuesdays and Thursdays
187A (3:30pm – 5:55 pm)
187B (3:30pm – 5:20pm)

IMPORTANT: <u>**FINAL EXAM**</u> **(187a): Thursday, 2/12 @ 3:30pm – 5:50pm (Rm A206)**

<u>**FINAL EXAM**</u> **(187b): Tuesday, 3/24 @ 4:00pm – 5:50pm (Rm A206)**

<u>**Room**</u>: LTCC, A206

<u>**Required Materials**</u>: MyMathLab subscription

- **Buy online at MyMathLab.com or in the LTCC library.** *(see class website for course ID)*
- **$95 to purchase online – they also offer a free-trial**
  - **Trial can be found at the bottom of the page when asked to purchase or give access code**
- **A textbook is NOT necessary there is an e-text online with your subscription.**

<u>**Prerequisites**</u>: There are no requirements prior to being placed in this class. (187A) … You must pass 187A with a "C" or better to continue on to 187B.

<u>**Course Description:**</u> The purpose of this course is to teach students the skills of basic arithmetic. In reality, you have probably already seen this material somewhere in your educational past but may have forgotten it or never really understood it when it was first presented. In this class, our goal is to fill in the gaps of your knowledge about arithmetic and to help you get the "big picture" so that it will all fit together in a way which makes sense to you and that you are able to apply it to "real life" problems.

You will actually be taking two six-week classes, each receiving its own grade:

- **Math 187AA** covers whole numbers, fractions, and an introduction to decimals.

  - **Expanded** version cover the content above and includes an additional study skills/counseling component to assist students in being successful in this math class and future ones.

- **Math 187B** covers decimals, percents, and an introduction to algebra.

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187AA - Student Learning Outcomes
1. Perform arithmetic operations with whole numbers, fractions, and decimals.
2. Translate written language into mathematical statements.
3. Apply the concepts in the course to real-life situations.

187B - Student Learning Outcomes
1. Solve problems involving decimals, percents and beginning algebra
2. Translate written statements in to mathematical statements.
3. Apply the topics of Basic Arithmetic (Part II) to real life situations.

Methods of Assessing Student Learning Outcomes

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: "Basic College Mathematics", 7th Edition, Tobey & Slater.
there is an E-text with your MyMathLab subscription, good for one year.
CALCULATORS ARE NOT ALLOWED IN MATH 187A or 187B

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

2) <u>My make-up policy</u>: See "homework" and "tests".

3) I allow extra credit and suggestions can be found on www.BrocksMathClass.com. You may receive a maximum of 70 points in extra credit toward your final exam.

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.

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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 187A. Your grade in 187A will decide whether you are eligible to start 187B. Each part of 187 will receive a separate letter grade. **Grades are posted on MyMathLab.com**.

Attendance	25%
Homework	25%
Tests and Quizzes	25%
Final Exam	25%
	100%
Extra Credit Accepted	Up to 70 points max

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. Extra Credit will not be recorded on your MyMathLab gradebook, it will be used to determine your final grade.

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.

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

- **Missing a Test:** If you know you are going to be absent for a test, make sure you give me at least 4 days before the test to make alternative accommodations for you. You are responsible for contacting the Testing and Learning Center (TLC) to make an appointment.. There will be NO MAKE-UP exams if you miss a test and have not informed me before the test.
- If you take your tests in the TLC or DRC due to the need for an individualized testing environment as prescribed by the DRC at LTCC. You will need to make arrangements at least 72 hours prior to the day of the exam.

ATTENDANCE: Attendance is required. I will take attendance randomly throughout the 6 weeks and your attendance grade will reflect whether you are there on that day. If you are absent, please <u>do not call</u> to inform me. You are responsible for any information taught that day and you can find the lecture calendar online at brocksmathclass.com. Make a friend in class who can tell you what you missed, and share notes with you.

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HOMEWORK: Homework will be offered online at MyMathLab.com. You may turn in your homework online. Homework will be accepted late with a 25% penalty.

The course code for the class can be found on www.BrocksMathClass.com. There is a 14-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.

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. I hold the right to require proctored exams if I feel that you are being dishonest on your at-home quizzes or tests.

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 COMMITTMENT
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.

- 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.

- 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.

SCHEDULE OF CLASS TOPICS AND HOMEWORK
Math 187A and 187B, Instructor: Laurel Brock, Winter 2015

The current class calendar is posted online at *www.BrocksMathClass.com*