

**GROSSMONT COLLEGE**  
**Math 88: PreAlgebra**  
**Fall 2016 Syllabus**

**Class Meets:** Tuesday and Thursday: 3:00 – 4:50 pm, Bldg 55, Room 535B (Section #8086, 4 units)

**Instructor** **Jenny Vanden Eynden** (pronounced vān-dĕn ěn-dĕn)

**Contact Info:** Email: [jenny.vandeneinden@gcccd.edu](mailto:jenny.vandeneinden@gcccd.edu)

Phone/Voice Mail: 619-644-7294

Website: [www.grossmont.edu/people/jenny-vanden-eynden](http://www.grossmont.edu/people/jenny-vanden-eynden)

Office Hours: Bldg 70, Room 212 (located on the second floor of the Tech Mall)

Tues, Wed, Thurs: 10:15 – 10:45pm,

Mon, Wed: 2:00 – 3:45pm,

or **by appointment**

**Prerequisite:** It is **recommended** that you have a strong background in Arithmetic.

**Textbook:** *PreAlgebra*, 5th Edition by Tussy/Koenig

**ISBN10:** 1-285-73725-3

**ISBN13:** 978-1-285-73725-6

OR *E-book on WebAssign.com*

Class Key: **gcccd 2680 2102**

**Other tools:** Although there will be minimal calculator use in this course, a *scientific calculator is recommended (graphing is NOT needed)*. Your calculator should have a square root button and scientific notation. If you're not sure if your calculator has these functions, please ask me! You can't share calculators during exams or quizzes and you can't use your cell phone calculator. You can buy a scientific calculator for around \$10.

**Other Supplies:** Notebook, loose-leaf paper, folder/binder, ruler, pencils, highlighter, colored pencils/pens, erasers & stapler

**Overview:** Math 88 is designed to provide you with the necessary skills to be successful in beginning algebra (Math 90 at Grossmont). The course will concentrate on the development of pre-algebra ideas such as variables, signed numbers and equations. Areas and volume formulas for fundamental shapes will be covered as well. The major focus of this class will be the conscious development of reasoning and communication skills. You will receive a course that will enrich your understanding of fundamental mathematical concepts. What you should expect is a course built around problems. You will spend much of your class time doing and discussing problems in groups and individually. My goal is to have mathematics make sense, which takes time (sometimes lots of time). **The only way you can become good in mathematics is by doing problems and talking about them.** This course is offered on a Credit/No Credit basis only. (Nondegree credit course)

**Student Learning Outcomes:**

Each student who successfully completes this course will be able to do the following:

- strengthen core skills with operations involving whole numbers, fractions, decimals, and percentages.
- perform operations on integers, simplify and evaluate variable expressions, perform operations at the pre-algebra level on polynomials, convert units of measure.
- construct a linear graph
- solve a one variable first degree linear equation that model a situation.
- translate a written statement into a mathematical statement

**Grading:** This is a **PASS / NO PASS** course. Your grade for the course is based on:

Homework, Projects & Classwork	worth 10%
Quizzes	worth 10%
4 in-class exams (15% each)	worth 60%
Final Exam (cumulative)	worth 20%
<b>TOTAL</b>	<b>100%</b>

70 – 100 % = **Pass**

Below 70% = **No Pass**

**You can NOT PASS this class without taking the final exam!**

**Homework:** Math is a subject learned by *doing* not watching. Therefore *working math problems in and outside class* is very important to YOUR SUCCESS in Math 88. The math problems you do on homework assignments will prepare you for exams and quizzes, so if you are having difficulty with ANY homework assignment, please ASK QUESTIONS, come to my office hours for help or get tutored in the Math Study Center (70-112/113) or in the Tutoring Center (70-202).

We are all here to help you succeed!

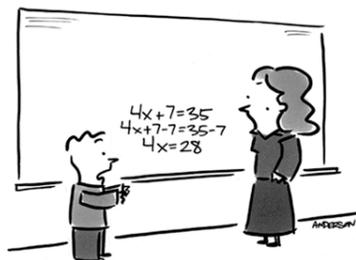
- Homework will be assigned daily.
- I expect you to attempt all assigned homework before the next class meeting.
- I will answer your homework questions at the beginning of each class.
- Textbook homework will be **collected on EXAM DAY at the beginning of class.**
- **NO LATE HOMEWORK WILL BE ACCEPTED.**
- Your lowest homework score will be dropped.

**YOU CAN CHOOSE HOW YOU DO HOMEWORK:**

a. **TEXTBOOK:** Using pencil and paper, turn in homework packet in class on the exam day. SEE INSTRUCTIONS BELOW.

OR

b. **ONLINE:** Using WebAssign online homework software, assignments are due on the exam day. SEE LAST PAGE FOR HOW TO REGISTER AT WEBASSIGN.COM



"You knew X was 7 the whole time and you never said anything?!"

**TEXTBOOK HOMEWORK:**

- Homework will be collected, so use loose-leaf paper NOT your notebook or notes.
- Start each new section of homework at the TOP of a NEW sheet of paper. LABEL each section clearly. Write the Section number and assigned problems at the TOP of the page (ex. Section 2.1, 1-73 EOO).
- **SHOW ALL WORK.** Since all the answers are in the back of the textbook, copying down just the **answers alone will NOT receive credit.** That means: NO WORK = 0 POINTS
- Work problems in pencil, staple your work, and don't turn in paper with a jagged edge.
- Your packet of homework will be due on the day of each exam. The packet should contain all sections of homework covered on the exam, in order. For example, on the day of Exam 1, all 7 sections of homework (2.1 thru 2.7) from Chapter 2 are due.
- I will collect each homework packet **at the beginning of class on EXAM DAY.**
- **NO LATE HOMEWORK WILL BE ACCEPTED.**

- Quizzes:** **Daily** quizzes will be given in this course. Because of this, it is important that you come to class every day, and come to class prepared! **Make-up quizzes will NOT be given.** However, your lowest 2 quiz scores will be dropped.  
No cell-phones will be allowed on quizzes.
- Exams:** There will be **4 in-class exams** and a **cumulative** Final Exam. **No exams will be dropped. Again, NO EXAMS WILL BE DROPPED.** Tests will include questions over homework assigned in the text, readings and handouts, as well as material presented in class. If you do not take an exam, you will receive a ZERO for it.  
**Late exams may ONLY be taken by PRIOR ARRANGEMENT or in the case of a DOCUMENTED emergency.**  
Remember that it is **your responsibility** to contact me (by email, phone, mailbox, or in person) **immediately** if a conflict arises (meaning, I expect to hear from you the day of the missed exam). No cell-phones, notes or books will be allowed on exams.
- Final Exam:** The final is **MANDATORY** and **CUMULATIVE** and will be given  
**Tuesday, December 13, 3:55 PM – 5:55 PM, Room 535B**  
You can NOT PASS this class without taking the final exam!
- Attendance:** Regular attendance is required. Bring your workbook and calculator to every class.  
**You can be dropped from the class for having more than 2 unexcused absences.** Late arrival and early departure from class may be counted as an absence. Please discuss any anticipated absences with me as soon as possible. In the event of an absence, you are responsible for all material covered in class, turning all assignments in **on time**, any schedule changes or class announcements.  
The last day to drop this class with a “W” recorded is **November 10**. It is YOUR responsibility to drop the class by this date if you choose to do so. After this date, anyone still enrolled in the class will receive a Pass or No Pass (P or NP) at the end of the semester.
- Classroom Conduct:** Class time is valuable. You are expected to be courteous to each other and to the instructor. You will be asked to leave the class for display of behavior the instructor deems as disruptive to the class environment. **During class, all phones, music players, and other distracting electronic devices must be turned off or put in silent mode AND put away.**  
**Absolutely NO CELL PHONE USE, WEB SURFING or TEXTING is allowed in class!**  
If you are disruptive in class (after being warned), you could be suspended from the course for up to 2 days. If you use or look at a cellphone, smartphone, iPad, iPod or any other **unapproved** device during an in-class quiz or exam, you will **earn ZERO POINTS on that assessment, which will adversely affect your grade in the course.**
- At Grossmont College and in this class, we promote acceptance of all people, including those of diverse age, ancestry, color, disability, ethnicity, perspective, national origin, religion, gender, gender identity, sexual orientation, education, or socioeconomic status. Derogatory comments about another's race, ethnicity, accent, appearance, intelligence, or sexual orientation will not be tolerated on any level.**
- Please see the Grossmont College Catalog for a full statement of the Student Code of Conduct.

**Academic Integrity:** All work that you complete in this class should be your own. The use of unauthorized materials, communication with other students during an exam, attempting to benefit from the work of another student, allowing a student to copy your work and similar behaviors that defeat the intent of an assignment/exam/quiz is unacceptable.

It is the responsibility of each student to understand the actions and behaviors that constitute academic dishonesty, including plagiarism and cheating, within each class as well as other venues on campus. Students are encouraged to ask questions of instructors and are expected to read the college's statement on Academic Fraud (located in the class schedule). Penalties for actions inconsistent with classroom, library and College expectations for academic integrity range from a failing grade on an assignment, quiz, exam, paper, or project (which may lead to a failing grade in the course) to, under certain conditions, suspension, or expulsion from a class, program, or the college. For more information and/or further clarification, please consult with your instructor or contact the Student Affairs Office.

**Students w/ Disabilities** Students with disabilities who need accommodations in this class are encouraged to notify the instructor and contact Disabled Student Programs and Services (DSP&S) **early in the semester** so that reasonable accommodations may be implemented as soon as possible. Students may contact DSP&S in person in building 60, room 120 or by phone (619) 644-7112 (voice) or (619) 567-7712 or (877) 561-8975 (both Video Phone).  
<http://www.grossmont.edu/student-services/offices-and-services/dsp/default.aspx>

**Math Study Center:** The Math Study Center (MSC, rooms 70-112 & 70-113) is centrally located on the first floor of the Tech Mall (connected to the LTRC/Library). They provide peer math tutoring on a walk-in basis. The MSC a great place to work on homework, study for a math exam and/or work on schoolwork from another class. Computers are available for educational use. The MSC is open Monday through Friday.

<b>Hours:</b>	<b>Monday through Thursday:</b>	<b>8:00am – 9:00pm</b>
	<b>Friday:</b>	<b>8:00am – 3:00pm</b>

Call (619) 644-7706 for further information.

**Tutoring Center:** One-on-one tutoring is available in the Tutoring Center located on the 2<sup>nd</sup> floor of the Tech Mall in room 70-202. All Grossmont College students may receive free tutoring for many subjects they are enrolled in at Grossmont College. Tutoring is by appointment only. Students are allowed up to 2 hours of tutoring a week per subject, with a maximum of 5 hours per week. Appointments are scheduled in advance and the Tutoring Center is open Monday through Friday. Call (619) 644-7387 for their current hours.

### Supervised Tutoring Referral

1. Students requiring additional help or resources to achieve the stated learning outcomes for MATH 088 are referred to enroll in **IDS 198: Supervised Tutoring - Math**, for assistance in the Math Study Center (70-112). The department will provide Add Codes.
2. IDS 198 is a **non-credit/non-fee** course.

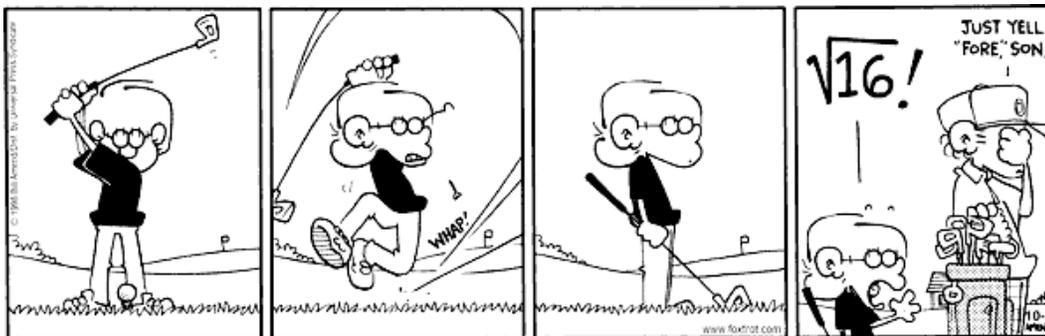
**TIPS FOR SUCCESS:**

1. Keep a positive attitude!
2. Get to class on time, every day.
3. Bring your syllabus, pencil, book, notes and calculator to every class.
4. Do the homework! **Attempt ALL OF IT!**
5. Make a math friend in class. Work in pairs or organize your own study group.
6. Get help from your instructor during office hours.
7. Get FREE tutoring – the **Math Study Center** is in **Room 70-112**  
– the **Tutoring Center** is in **Room 70-202**

**Important**

<b>Dates</b>	September 2:	Last day to drop without a “W” (and for refund)
	September 5:	Holiday (Labor Day)
	November 10:	Last day to drop classes with a “W”
	November 24:	Holiday (Thanksgiving)
	December 13:	Final Exam, 3:55 am – 5:55 pm, Room 535B

*This course adheres to the policies outlined in the Grossmont College Catalog.  
See the Academic Policies stated in the catalog.*



**Math 88, Fall 2016**  
**Grossmont College**

**Vanden Eynden**  
**Section #8086**

**TENTATIVE SCHEDULE (as of 8/23/16)**

Week of:	Tuesday	Thursday
Week 1 8/23 , 8/25	Intro and Review of Add/Sub/Mult/Div	1.5, 1.7
Week 2 8/30 , 9/1	2.1, 2.2	2.3, 2.4, 2.5
Week 3 9/6 , 9/8	2.6, 1.8	1.9 <i>Review for Exam #1</i>
Week 4 9/13 , 9/15	<b>EXAM # 1</b> <b>(1.5 – 1.7, 2.1 – 2.6)</b>	2.7, 3.1
Week 5 9/20 , 9/22	3.2, 3.3	3.4, 3.5
Week 6 9/27 , 9/29	3.6, 4.1	4.2, 4.3
Week 7 10/4 , 10/6	4.4	4.5, 4.6 <i>Review for Exam #2</i>
Week 8 10/11 , 10/13	<b>EXAM #2</b> <b>(1.8, 1.9, 2.7, 3.1 – 4.4)</b>	4.7, 4.8
Week 9 10/18 , 10/20	5.1, 5.5	5.6, 9.4
Week 10 10/25 , 10/27	Scientific Notation, 5.7	6.1, 6.2
Week 11 11/1 , 11/3	6.3, 6.4, 6.5	7.1 <i>Review for Exam #3</i>
Week 12 11/8 , 11/10	<b>EXAM #3</b> <b>(4.5-4.7, 5.1, 5.6, 9.4, S.N., 6.1-6.5)</b>	7.2, 7.3
Week 13 11/15 , 11/17	7.4, 7.5	8.1, 8.3
Week 14 11/22 , 11/24	8.3, 8.4	<i>Thanksgiving Holiday</i> <b>NO CLASS</b>
Week 15 11/29 , 12/1	Graphing Activity <i>Review for Exam #4</i>	<b>EXAM #4</b> <b>(7.1 – 7.5, 8.1, 8.3, 8.4)</b>
Week 16 12/6 , 12/8	9.7, 9.8, 9.9	Review for Final
Week 17 12/13	<b>Final Exam</b> <b>3:55 - 5:55pm</b>	<b>NO CLASS</b>

**FINAL EXAM: Tuesday, December 13, 3:55 PM – 5:55 PM, Room 535B**

## **First Homework Assignment**

**Due: Tuesday, August 30**

Often I hear from students that they are “not very good at math”. Here is what I hear when you say this to me, “I will have to work harder than most other people”. I don’t doubt that some of you have had bad experiences in learning mathematics, but don’t get discouraged. These are not permanent issues and you CAN learn mathematics and even pursue careers involving heavy mathematics and/or science.

The first thing I want you to do is understand how you learn best. So, I want you to go to the following website:

<http://www.personal.psu.edu/bxb11/LSI/LSI.htm>

and do the Learning Style Inventory survey.

Once you have taken the survey, answer these questions *in your own words*  
(1/2 page written or typed)

- 1. What is your learning style? Do you agree with the results of the survey?**
- 2. What are some study techniques and or study strategies that you can use to help you in this math class?**