MATH 1310 (COLLEGE MATHEMATICS FOR LIBERAL ARTS)
INSTRUCTOR: Bonnie Blumberg
OFFICE: S729   PHONE: (713) 221-8408   WEBSITE: http://cms.uhd.edu/Faculty/NadlerB

OFFICE HOURS: Monday, Tuesday, Wednesday and Thursday 8:00– 8:30 a.m. in S729   **EMAIL:** nadlerb@uhd.edu
Mondays and Tuesdays 1:00 – 3:00, Wednesdays 11:00 – 1:00 in N925, and by appointment

COURSE DESCRIPTION: Math 1310 is designed to provide the students with an introduction to contemporary mathematical ideas and problem-solving techniques. It is designed for students requiring one college-level mathematics course. This is a 3-credit course with the prerequisite of passing Math 0300 with a grade of "C" or better or testing into the class. Math 1310 topics include set theory, logic, consumer mathematics and financial management, counting methods and probability theory, and statistics. This course cannot be applied toward any degree in the Department of Math and Statistics.

TEXTBOOK: The textbook for Math 1310 will be loaned to you by the Math Department. You will sign for a copy of the textbook, and will only be charged for the book if it is not returned by the end of the semester. The textbook for Math 1310 is *Thinking Mathematically* 5th Edition, by Robert Blitzer, Pearson Prentice-Hall, Boston, Massachusetts, 2011.

RESOURCE MATERIALS: Students enrolled in MATH 1310 at UHD have access to the Academic Support Center (N-925), where they may get additional help in understanding the theory or in improving their skills. This lab is open for free one-on-one walk-in math tutoring Mon-Thurs. 8 am – 8 pm; Fri 8 am – 2 pm; Sat. 11 – 5 pm. It is available for use with small groups or board work. The accompanying online homework component, *MyMathLab*, at http://www.coursecompass.com provides numerous help resources such as chapter pretests, exercise examples, and self quizzes. The Multimedia Library section of *MyMathLab* contains section lecture videos, animation examples, PowerPoint slides, test prep videos corresponding to each textbook chapter test, and a multimedia textbook.

CALCULATOR USE: Students in Math 1310 are allowed to use a basic 6-function calculator on tests and the Math 1310 final exam.

TENTATIVE EXAM SCHEDULE:
- Exam 1 Math 1310: Wednesday, February 5
- Exam 2 Math 1310: Wednesday, March 5
- Exam 3 Math 1310: Monday, April 7
- Exam4 Math 1310: Wednesday, April 23

- Final Exam Math 1310:

MAKE-UP POLICY: There will be *absolutely no* make-up tests or quizzes. Any missed grades are recorded as zeroes, so attendance counts (See Attendance Policy, a separate handout)! If you miss a test due to an emergency, you must notify me promptly in writing with documented evidence. In such case, the final exam will be counted for the missing test.

ONLINE HOMEWORK: http://www.coursecompass.com You will be given a *MyMathLab* student access code to be able to register. You will need your instructor's Course ID number and your school's zip code (77002). You need your own e-mail address in order to complete the registration. This is the email account you check most often. Don't forget to record your exact login name and password for future logins. Check the syllabus for further instructions. Please contact me immediately if you have any problems with the website. You may use your home computer or the computers in the 8th Floor Computing Lab or 925N. You may also bring your laptop because UHD is wireless.

METHOD OF EVALUATION and EXTRA CREDIT:
- There are 600 points in each class, including 100 from *MyMathLab* homework, 300 from 3 of 4 tests (each test is worth 100 points) and 200 points for the final exam. Your course grade is determined by how many points you can accumulate.
- All online homework is due the day of the test. **Those students completing the online homework on or before the test day with an average of 90 or better will receive 10 points extra credit!**
- The final exam grade is worth 200 points (1/3 of your semester grade). The comprehensive final exam contains all multiple choice questions to be taken on a scantron.

GRADING SCALE:
540 points and above A, 480-539 points B, 420-479 points C, and 360-419 points D, and below 359 points F
Students not taking the final exam will receive an "F" for the semester. Students violating the Attendance Policy will receive an "F" for the course, regardless of their average.

DROPPING THE COURSE: Please note that the last day to withdraw from a course with a grade of "W" is **March 27th (6:00 pm).** If you do not complete the course requirements and do not officially withdraw, you will receive a grade of "F". You cannot receive the grade of "I" – Incomplete unless you have a documented personal emergency that prevents you from completing the last fraction of the course. You must have a passing average on the work you have already completed to receive an "I".

ATTENDANCE: An <u>attendance policy is enforced</u> for this class. Attendance will be taken on a daily basis, starting the FIRST day of class. Your failure to attend class or make contact with the faculty to adequately explain your absence by the 10th class calendar day of the semester will result in you being administratively dropped from this course. Being dropped from this course may affect your enrollment status and/or your financial aid availability. If a student misses the equivalent of more than 6 hours of class, the instructor will notify the MS department office that the student is in violation of the Attendance policy and can receive a grade of F. **If you do not take the final exam you will receive a grade of "F" for the course.**

HONESTY CODE: Please remember that as a member of the UHD academic community you are bound to observe the academic honesty code in all your school work. A grade of "0" will be given for any course work where cheating is detected. Failure to report a dishonest act is also categorized as "Academic Dishonesty" in the UHD Student Handbook.

SPECIAL ACCOMODATIONS: UHD adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. Students with disabilities should be notified to register with Disabled Student Services (in S409) and contact the instructor in a timely manner to arrange for appropriate accommodations. Whenever possible, and in accordance with 504/ADA guidelines, UHD will attempt to provide reasonable academic adjustments/auxiliary aids to students who request and require them. Students may call 713-226-5227 for more assistance.

MATH SUCCESS TIPS:
- Be on time and attend every class session.
- Do all assigned homework problems and review with the textbook problems for each section!!
- Try not to fall behind. In fact, try to stay ahead!
- Ask questions in class whenever you feel yourself starting to get lost!
- Check the online grade book so that you are aware of your average throughout the semester.
- Read the textbook (often more than one time) after I have introduced the lesson and before you start your homework – IT IS VERY HELPFUL! Work through the examples and compare your solutions with the book.
- Get in the habit of first writing the entire problem, and then clearly and legibly write each step in solving the problem and clearly write out the solution. Writing helps catch faulty thinking!
- Sit in the front of the class to avoid distraction.
- Use the Math Lab (N-925) for tutoring with all homework.
- Watch the videos for each section located in "Multimedia" of MyMathLab for review or additional explanation.
- Become part of a small group (3-4) that meets to do homework together in the math lab and study for exams.
- Obtain the phone number or email address of a classmate in case of absence to keep up with any assigned work or due dates.
- Study for all tests – try preparing study sheets and reviewing with classmates.
- Attend the Final Exam Review (usually on a Reading Day - to be announced later) and bring with you a hard copy of the review with as many problems worked as possible.
- Use my office hours for homework questions or academic questions as they arise.
- Do not get up during class or leave early unless you inform the instructor ahead of time. Plan ahead - use the restroom, get water, etc. before class begins or wait until it is over.

Please make a commitment to: 1) ATTEND class regularly

2) DO online homework @ 90% or better by the test date

3) COMPLETE the textbook homework by the test date

WHY?   Because 90% of students who do the above three things PASS the class!!!

Math 1310 Spring 2014 Calendar

Date	Section Covered
Jan 13	2.1
15	2.1
22	2.2
27	2.3
29	2.4
Feb 3	2.5
5	Test 1
10	3.1
12	3.2
17	3.3
19	8.1
24	8.2
26	8.2
Mar 3	8.3
5	Test 2
Mar 10-14	Spring Break
17	8.4
19	8.5
24	11.1
26*	11.2
31	11.3
Apr 2	11.4
7	Test 3
9	12.1
14	12.2
16	12.3
21	12.4
23	Test 4
28	Review
30	Reading Day
May 1-10	Final Exams

*The last day to withdraw from a course with a grade of "W" is March 27th.

Math 1310 Textbook Homework: <u>Thinking Mathematically</u>, 5th Edition, Robert Blitzer

TEXT SECTION	READ PAGES	HOMEWORK PRACTICE PROBLEMS EOO = Every Other Odd
2.1	44 – 53	1-11 odd; 15-27 EOO; 33-37 odd; 41, 47-59 EOO;67-95 EOO
2.2	56 – 62	1-17 EOO; 19-67 odd; 93, 95
2.3	65 – 73	3-43 odd;47-59 odd;67-89 odd; 93,95
2.4	77 – 85	1-9 EOO; 15-23 EOO; 25-47 odd; 49a; 50a; 51&52a,b; 53-65 EOO
2.5	88 – 93	1-37 odd; 43, 45
3.1	104 – 108	1-13 EOO; 15 -39 odd; 43-47 odd
3.2	111 – 120	1-23 odd; 27-39 odd; 41-57 EOO; 59-67 odd
3.3	123-134	1-17 EOO; 19-25 odd; 27-51 EOO; 53-61 odd
8.1	452	1-33 EOO; 35 – 47, 49
8.2	454-458	1-29 odd; 35-43 odd
8.3	460-465	1-9 odd; 13-25 odd; 29,33, 39, 41,51
8.4	468 – 474	1-17 odd
8.5	481 – 488	1-11 odd; 15, 17
11.1	602 – 606	1-19 odd
11.2	608 – 613	1-11 odd; 13-33 EOO; 35-53 odd
11.3	615 – 619	1-23 odd; 27-33 odd; 37, 41-47 odd; 51, 53, 61
11.4	621 – 627	1-47 odd; 55-63 odd
12.1	674 – 682	1-19 odd; 22, 23, 26-28, 31
12.2	687 – 696	1-55 odd
12.3	699 – 704	1-25 odd; 31, 33, 37
12.4	707 – 711	1-19 odd; 23-29 odd

To enroll in a MyMathLab course, a Math 1310 11:30 student needs:

- **Course ID: blumberg63443**
- **Student access code WSCMMC-GRSSS-FRAYS-BEMAN-QUASH-GENES**
- **Email address -** The student's registration and enrollment confirmation will be sent to this email address. This address will also be used for instructor communications, so **it should be the one you check most often!!**

If you have used MML before, be sure and answer "YES" when asked if you have a MML account and put in your user name and password! Otherwise, you have to create an account!

The student access code is nontransferable and can be used for any course in this same book.

If a student has used MML last semester or if a student is waiting for financial aid, they can access the course without payment. This option grants a student temporary access to the course for 17 days. After that, the student must buy or be given a code or risk being permanently locked out!

To Enroll in a Course:

1. Go to **www.coursecompass.com** and click **Student** in the Register area.

2. Enter the course ID, and click **Continue. Course ID: blumberg63443**

3. Verify your course information.

4. If you don't have a Pearson account, click **Create an account**.

5. Complete the Create an Account page. Helpful hints display to guide you.

6. Read and accept the license agreement.

7. Optionally, you can select the check box to help us make our products better and learn about new offers.

8. Click **Create Account**.

9. Follow the instructions below to use the student access code above.

   To use a student access code: Click **Access Code** and enter your six-word (above)access code in the boxes. Click **Finish** to complete your registration. Click **Go to Your Course** to access your online course.

Need help?

Contact Product Support at http://www.mymathlab.com/contactus.htm for live CHAT or email or call (800)677-6337.

You also have access to the Tutor Center toll free (888)777-0463, Sunday – Thursday 3:00 – 10:00pm.

"Math Classroom Etiquette Rules"

1. Go to the restroom before class.

2. Unless you become suddenly ill or you notify me before class, remain in class until <u>dismissed</u> by me.

3. Cell phones should be turned off and put away. No electronic earpieces that are not medically necessary are allowed.

4. No calculators should be used in class!

5. No web surfing. Do not work on the online homework during class unless you are directed by your instructor or you are in Math 1201 or CSP 110M.

6. No sleeping - if you get drowsy, ask if you may use the restroom to splash water on your face.

7. If you are taking a test, do not get up for any reason unless you have completed your test! If you get up I will assume you have finished your test and I will take it up!

8. If you are late on test day, you will not be able to take the test after the first person has completed an exam.

Testing Numbers To See If They Are Evenly Divisible By...

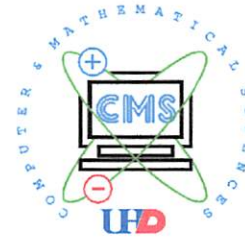|	
0	Undefined! No number can ever be divided by zero!!
1	All numbers are divisible by 1!
2	Even numbers – numbers ending in 0, 2, 4, 6 or 8
3	Add up the digits! If the sum of the digits is divisible by 3, then the number is too.
4	If when you divided the original number by 2 the quotient (result) was even or if the last 2 digits are divisible by 4.
5	If the number ends in 0 or 5
6	If the number is divisible by both 2 and 3
7	No divisibility test for 7!
8	If when the original number was divided by 4 the quotient (result) was even or if the last 3 digits are divisible by 8.
9	Add up the digits! If the sum of the digits is divisible by 9, then the number is too.
10	The number ends in 0.
11	Double digits for all numbers less than 100.

Multiplication Table

Multiplication Table

x	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

NEED TO IMPROVE YOUR MATHEMATICS?
WANT <u>FREE</u> TUTORING?

Come visit the Academic Support Center in N-925 and get help in the following Math classes:

Beginning Algebra (MATH 0300)
Intermediate Algebra (MATH 1300)
College Algebra (MATH 1301)
Plane Trigonometry (MATH 1302)
Pre Calculus (MATH 1404)
Finite Math (MATH 1305)
Fundamentals of Calculus (MATH 1306)
College Mathematics for Liberal Arts (MATH 1310)

Instructor and peer tutoring.
Videos are available for viewing and to check out.
Calculators & textbooks available for in-lab use.
Computers available for online homework.

<u>HOURS OF OPERATION</u>
Mon – Thurs   8 am – 8 pm
Friday   8 am – 2 pm
Saturday   11 am – 5 pm

Sponsored by Computer and Mathematical Sciences Dept.
Contact: Anna Simmons, Rosenthala@uhd.edu