

Course: MATH 1413 Survey of Calculus, Section NO1 (online) 3 credits PREREQUISITE: NONE.

Course Description: This course will provide a survey of the differential and integral calculus of polynomial, rational, exponential, and logarithmic functions with an emphasis on applications to problems from business, economics and life sciences.

Learning Outcomes: Students should be able to demonstrate:

1. The student will be able to compute limits.
2. The student will be able to differentiate polynomial, rational, exponential, and logarithmic functions.
3. The student will be able to apply differential calculus to real world problems.
4. The student will understand the basic techniques of integration.
5. The student will be able to integrate functions and to apply the Fundamental Theorem of Calculus.
6. The student will be able to apply integral calculus to real world problems.

Instructor: Mr. Jim Bellon (best way to contact me is through CourseDen) or jbellon@westga.edu

Office & Hours: Boyd 104C MW 9:20–10:05am, 3-4pm Fri 9–10am, 11:05am–12noon
Boyd 205 Math tutoring Center MW 12-3pm
ONLINE in CourseDen, virtual office hour LIVE Tuesdays 7-8pm

Class Meets: In UWG’s CourseDen for class information and communication,
at UWG or an approved testing center for the proctored final exam,
and Pearson publisher’s MyMathLab website for online assignments, tests.

Course Materials: #1 A graphing calculator is REQUIRED (preferably one of the TI-83 or 84 models).

#2 You are required to purchase access to the **MyMathLab** site and **e-book**. Options are:

- get immediate access by paying with credit card during the registration process at www.pearsonmylabandmastering.com
- buy MyMathLab-Student-Access-Kit at the bookstore.
- find MyMathLab access code kit on Amazon.com (cheapest but takes a few days)

****while you are waiting for access code or funds, you can still register with temporary access for 14 days.**

Once you register at the website, you need to join our course. The course ID is: **bellon91079**

The actual textbook is optional. “Calculus and its Applications” 11th ed by Bittinger/Ellenbogen, Pearson publishers.

Grading: Online HW’s (avg counts 30%, lowest dropped), online quizzes (avg counts 25%, lowest dropped)
Participation tasks in CourseDen (Introduction, Syllabus quiz, discussion posts, avg counts 10%),
PROCTORED Final exam (cumulative multiple-choice, counts 20%), PROJECT (counts 15%)
Final grades determined as follows:

89.5 % and higher	=	A
79.5 % to 89.4 %	=	B
70 % to 79.4 %	=	C
60 % to 69.9 %	=	D
Below 60 %	=	F

Make-up policy: There are no make-ups for online assignments. You are expected to keep up with learning the material each week, completing assignments by the due dates, and getting help when needed.

Extra-credit policy: There will be NO extra credit given, period! Points can be earned only as stated above, except: The Are You Ready Quiz does NOT officially count as a grade, HOWEVER, if you do well on your best attempt, I will count it to replace a low quiz score during the course

Attendance Policy: Students are REQUIRED to login and enter MATH 1413 in CourseDen at least once a week and also check for assignments on MyMathLab. Failure to do so will result in missing assignments and maybe being dropped. You must also submit your Introduction in CourseDen (D2L) .

Last Date to Withdraw: *September 30th* Any student who withdraws after this date will receive a grade of F.

Class Rules: It is expected that students be familiar with the Student Conduct Code, Disciplinary Procedures and Disciplinary Sanctions in the Student Handbook. Cheating and/or any conduct that disturbs the classroom, the instructor, or the students WILL NOT be tolerated!! Any serious violations will be reported; appropriate actions will be taken; and consequences will result. Please see the general policies for UWG at <http://tinyurl.com/UWGSyllabusPolicies>.

Math Tutoring: On Campus:
**Offered by the math Department in Boyd 205, you can just walk in and get help.
Hours are Mon/Tue/Wed 9am-8pm, Thurs 9am-7pm, Fri 9am-3pm
There are 2-3 tutors on duty who will rotate between students.
There are also textbooks and computers to use while you are in the tutoring center.

** Offered by the Center for Academic Success in UCC building. You will be assigned a 1-1 personal tutor, or attend available drop in sessions.

ONLINE: you can get help 24/7 through SmartThinking tutors via the link in CourseDen.

Final Exam: The final exam must be taken at a location with a proctor. You will take the final exam online in MyMathLab. You can take it any day/time by appointment from Mon Dec 5th through Friday Dec 9th . Details about testing locations will be sent out during the semester. There are testing sites at UWG Carrollton and Newnan as well as several approved sites across Georgia. The sites usually charge a fee, which will be your responsibility. There will also be a written test option, with partial credit. Written test is with me (your instructor) at UWG on Friday Dec 9th from 5-7pm.

NOTE: online assignments will be open and available at least one week before due date. You can continue to reenter and work HW up until the due date, then only review after that. Quizzes will be open for 3 day window. You must complete quizzes in one timed session, then you can see your score and review, then you can retake the quiz and review again.

This is a Tentative list of text sections to be covered. You may read ahead and complete assignments early when available. Each week, you should look over the lesson materials on MyMathLab, then complete all related assignments by the end of the day (midnight) on the date shown. Start early, don't wait until the final day. That way you can get help, review the material again. **Updates will be shown on CourseDen and MyMathLab calendars and will be the dates to which you are held accountable. You can follow specific task schedule by clicking through the UWG CourseDen modules.

- WEEK 1 Wed 8/10 – Mon 8/15 In CourseDen (D2L) open the module **WEEK 1 (start here)** and follow the tasks.
1. Read through this syllabus and make note of important info and dates
 2. Take the syllabus quiz in CoursDen (***participation grade AND Attendance**)
 3. Get setup in MyMathLab and do Browser Check and How to Enter Answers
 4. Take the Are You Ready quiz in MyMathLab
 5. Read through the ebook in MyMathLab and study any topics that you missed on the Are You Ready Quiz or you feel you don't know well (Sections R1 – R5)
 6. Do the HW for the review sections in MyMathLab (***HW grade due Mon 8/15**)
- WEEK 2 Tue 8/16 – Fri 8/19 In CourseDen (D2L) open the module **WEEK 2** and follow the tasks.
1. Reading the ebook sections 1.1, 1.2
 2. Do HW for the above sections in MyMathLab (***HW grade due Fri 8/19**)
 3. Post your intro in CourseDen discussion (***participation grade due Fri 8/19**)
- WEEK 3 Sat 8/20 – Fri 8/26 In CourseDen (D2L) open the module **WEEK 3** and follow the tasks.
1. Read the ebook sections 1.3, 1.4
 2. Do HW for the above sections in MyMathLab (***HW grade due Fri 8/26**)
 3. Reply to 2 students in the intro discussion (***participation grade due Fri 8/26**)
- WEEK 4 Sat 8/27 – Fri 9/2 In CourseDen (D2L) open the module **WEEK 4** and follow the tasks.
1. Read the ebook sections 1.5, 1.6
 2. Do HW for the above sections in MyMathLab (***HW grade due Fri 9/2**)
- WEEK 5 Sat 9/3 – Fri 9/9 In CourseDen (D2L) open the module **WEEK 5** and follow the tasks.
1. Read the ebook sections 1.7, 1.8
 2. Do HW for the above sections in MyMathLab (***HW grade due Fri 9/9**)
 3. Make appointment for final exam (***participation grade due Fri 9/9**)
- WEEK 6 Sat 9/10 – Fri 9/16 In CourseDen (D2L) open the module **WEEK 6** and follow the tasks.
1. Take QUIZ #1 in MyMathLab (***QUIZ grade due Fri 9/16**)
 2. Post to Math Discussion #1 (***participation grade due Fri 9/16**)
- WEEK 7 Sat 9/17 – Fri 9/23 In CourseDen (D2L) open the module **WEEK 7** and follow the tasks.
1. Read the ebook sections 2.1, 2.2
 2. Do HW for the above sections in MyMathLab (***HW grade due Fri 9/23**)
 3. Reply to 2 students in Math discussion #1 (***participation grade due Fri 9/23**)
- WEEK 8 Sat 8/24 – Fri 9/30 In CourseDen (D2L) open the module **WEEK 8** and follow the tasks.
1. Read the ebook sections 2.4, 2.5
 2. Do HW for the above sections in MyMathLab (***HW grade due Fri 9/30**)
 3. Get Project info and choose your topic (***participation grade due Fri 9/30**)
- WEEK 9 Sat 10/1 – Wed 10/5 In CourseDen (D2L) open the module **WEEK 9** and follow the tasks.
1. Read the ebook section 2.6
 2. Do HW for the above section in MyMathLab (***HW grade due Wed 10/5**)

WEEK 10 Sat 10/8 – Fri 10/14 In CourseDen (D2L) open the module **WEEK 10** and follow the tasks.

1. Read the ebook sections 2.7, 2.8
2. Do HW for the above sections in MyMathLab (***HW grade due Fri 10/14**)
3. Take QUIZ #2 in MyMathLab (***QUIZ grade due Mon 10/17**)

WEEK 11 Sat 10/15 – Fri 10/21 In CourseDen (D2L) open the module **WEEK 11** and follow the tasks.

1. Read the ebook sections 3.1, 3.2
2. Do HW for the above sections in MyMathLab (***HW grade due Fri 10/21**)

WEEK 12 Sat 10/22 – Fri 10/28 In CourseDen (D2L) open the module **WEEK 12** and follow the tasks.

1. Read the ebook section 3.5, 3.6
2. Do HW for the above sections in MyMathLab (***HW grade due Fri 10/28**)
3. Take QUIZ #3 in MyMathLab (***QUIZ grade due Mon 10/31**)

WEEK 13 Sat 10/29 – Fri 11/4 In CourseDen (D2L) open the module **WEEK 13** and follow the tasks.

1. Read the ebook sections 4.1, 4.2
2. Do HW for the above sections in MyMathLab (***HW grade due Fri 11/4**)
3. Post to Math Discussion #2 (***participation grade due Fri 11/4**)

WEEK 14 Sat 11/5 – Fri 11/11 In CourseDen (D2L) open the module **WEEK 14** and follow the tasks.

1. Read the ebook sections 4.4, 4.5
2. Do HW for the above sections in MyMathLab (***HW grade due Fri 11/11**)
3. Reply to 2 students in Math discussion #2 (***participation grade due Fri 11/11**)

WEEK 15 Sat 11/12 – Fri 11/18 In CourseDen (D2L) open the module **WEEK 15** and follow the tasks.

1. Read the ebook section 5.1
2. Do HW for the above sections in MyMathLab (***HW grade due Fri 11/18**)
3. Project draft due (***participation grade due Fri 11/18**)

SAT 11/19 to FRI 11/25 *******THANKSGIVING BREAK – NO CLASSES*******
YOU WILL GET YOUR PROJECT BACK WITH ANY COMMENTS.

WEEK 16 Sat 11/26 – Sun 12/4 In CourseDen (D2L) open the module **WEEK 16** and follow the tasks.

1. Take QUIZ #4 in MyMathLab (***QUIZ grade due Wed 11/30**)
2. Final Project Due (***Project grade due Fri 12/2**)
3. Take the practice final exam in MyMathLab (***participation grade due Sun 12/4**)

FINALS Mon 12/5 – Fri 12/9 Take Final Exam during your appointment (***Final Exam grade**)