SYLLABUS (MA106-ZNC)

IMPORTANT FACTS ABOUT MA106

When you create your account on Pearson Course Compass you must use your BlazerID followed by @uab.edu as your LOGIN name.
Example: If your BlazerID is goblazers use goblazers@uab.edu

Class Meeting Structure:
Class and Lab meetings will be held on Mon/Wed 5:30 pm to 6:20 pm.
Class Meetings held in HHB125 and lab meeting held in 202 Heritage Hall.
See Course Schedule for dates/times.

MA 106 is a 3-hour course. The first course hour is a meeting each week with the course instructor in a lecture format. The second course hour is a meeting with the instructor in a supervised lab format in the Math Learning Lab 202 Heritage Hall. The third course hour is a self-scheduled, self-study period in the Math Learning Lab working with Math Lab tutors and an on-line instruction system.

Tests will be taken under the supervision of the course instructor during the scheduled lab meeting times in 202 Heritage Hall.
Tests are limited to 50 minutes.
On test days, you must bring a UAB *photo ID, driver's license, or gov't-issued ID.*
Quizzes must be taken in the MLL. They are limited to 30 minutes.
Homework can be done in the MLL or at home.

Students receive PARTICIPATION POINTS when they attend a complete lecture or lab meeting (arriving on time and staying until the end of class or lab). No Participation Points are awarded for an absence (excused or unexcused).

There are no make-ups for missed deadlines for homework and quizzes.
This is because the work should be done IN ADVANCE of the deadline dates.

There is a formal appeal procedure if a student misses a test deadline.
Appeals are approved only if there is a serious, *verifiable* circumstance.

Students are required to check their blazerID@uab.edu email address for official course communications.

The final exam is comprehensive. It will be given during your scheduled exam time.

DEADLINE DATES

Work should be completed before deadline dates **but cannot be completed after deadline dates.**

Deadlines for homework, quizzes, and tests are INDEPENDENT of one another.

You do not have to complete homework to take quizzes or tests. (However, it is recommended.)

There are no prerequisites for any of the graded assignments.

Once you take the Final Exam the course is complete, and no additional homework assignments or quizzes will count toward your grade. **You must attempt the Final Exam to complete the course** (even if you have 620 points prior to taking the Final exam).

Homework/Quizzes			**Major Tests**		
No.	Text sections	Date	No.	Text sections	Date
1	5.1	01/15/13			
2	5.2, 5.3	01/22/13			
3	5.4, 5.5	01/29/13	**1**	Hw 1-3	02/04/13
4	5.6, 5.7	02/05/13			
5	5.8, 6.1, 6.2	02/12/13			
6	6.3	02/19/13			
7	6.4, 6.5	02/26/13	**2**	Hw 4-6	02/25/13
8	6.6, 6.7	03/05/13			
9	7.1, 7.2	03/12/13			
10	7.3, 7.4	03/26/13	**3**	Hw 7-10	04/01/13
11	8.1, 8.2	04/02/13			
12	9.2	04/09/13			
13	9.3	04/16/13	**4**	Hw 11-14	04/29/13
14	9.4	04/23/13			
				Final Exam	05/08/13

HOW YOUR GRADE IS CALCULATED

Your grade is calculated based on the number of points that you earn.

You can earn a maximum of 1000 points.

Number of Points	Letter Grade
880 to 1000	A
750 to 879	B
620 to 749	C
500 to 619	D
Below 500	F

Note that 879 points earns you a grade of B, not a grade of A, etc.

WHERE DO THE POINTS COME FROM?

Grade Element	Points	Quantity	Total Points
Homework	5	14	70
Participation Points	5	14	70
Quizzes	10	14	140
MLL attendance	5	14	70
Tests	100	4	400
Final Exam	250	1	250
Total points			1000

SYLLABUS (MA 106-ZNC)

Pre - Calculus Trigonometry

Semester: Spring 2013 **Section:** ZNC **UAB zip code:** 35294

Instructor: Kyle Besing **Instructor e-mail:** kebesing@uab.edu **phone:** 934-2154

Instructor office hours:

NOTE: All instructor office hours are held during lab meeting time in the UAB Math Learning Laboratory (MLL), room 202 Heritage Hall. Other times are available by appointment.

Class Meeting Time/Location: Wed 5:30 -- 6:20 pm in HHB 125
Lab Meeting Time/Location: Mon 5:30 -- 6:20 pm in Heritage Hall 202

Attendance policy: Attendance at every class meeting and lab meeting is **required**. Roll will be taken. There are 14 scheduled class meetings and 14 scheduled lab meetings. Students earn 5 participation points toward their final grade for each class or lab meeting attended. ***To earn the Participation Points students must be in the classroom or lab at the start of the meeting and at the end of the meeting***. The following rules apply:

1. **Students may not sign the roll for another student**. Violation of this policy will result in a grade of F for academic misconduct.
2. If you come late to the class meeting, and the roll has passed your seat, do not ask to sign it.
3. Do not sign the roll if you intend to leave the class early.
4. In case of emergency, students may leave the class without the instructor's permission. Just get the instructor's attention and leave quietly with minimal disruption to the rest of the class.
5. **NO participation points can be earned if the student is absent**, whether or not the absence is excused. If you are absent on official university business, you can obtain tutoring to earn the participation points. Arrangements must be made in advance of the absence.

Prerequisite. Grade of "C" or better in MA 105, or beginning freshmen who meet Math Screening requirements (see ACT/SAT Math Subscore/GPA Grid in the latest UAB Class Schedule). Transfer students must have an appropriate score on the Advanced Screening Test in order to be eligible for MA 106.

Course Structure: This course is primarily computer-based. All homework assignments are on-line and can be completed either on your own computer or using one of the computers in the UAB Math Learning Lab (MLL in **202, Heritage Hall**). **All quizzes must be completed in the MLL** (during MLL hours) anytime before the scheduled deadline (please note that deadlines include specific dates and times). All tests and the final exam are also done on the computer, but they must be taken in the MLL according to your class schedule during your lab meeting time. **In order to receive credit for homework and quizzes, the work must be done on or in advance of course deadline dates**. See the course schedule at the front of this syllabus for the course deadline dates.

Materials: *Precalculus Trigonometry MA 106 package,* which includes a *UAB Math 106 Student Workbook, by Elena Kravchuk,* 2010, Pearson/ Prentice Hall, and MyMathLab **ACCESS CODE, is required**. You do not need an access code and can purchase the UAB MA 106 workbook as a stand-alone item if you were ***taking MA 105 in Fall 2010 or later or MA 106 in Spring 2011 or later.***

Students are required to have the MA106 student workbook and to bring it to the class lecture meetings. (Participation credit is given only when the student has the workbook with them during class meetings.)

Getting Started: The first thing you must do is register for your on-line course materials. **You cannot complete any assignments until you have registered.**

Registering for a Course in MyMathLab

Go to http://pearsonmylabandmastering.com and click the Register button for students.
Follow the instructions provided. To register, you will need the following:

1. The Pearson **CourseID** for this particular course section, which is **(See first day handout).**

2. A Pearson account. *

   If you already have an account for math, English, or History you should sign in.
   If you don't have an account, create one.

*NOTE: The **Sign In name for your account** MUST BE your **BlazerID *followed by* @uab.edu**.
If you already have an account and the sign in name is not your blazerID@uab.edu, please contact the instructor for directions on how to change it after you have registered.

3. **Student Access**. This is the access code that you purchase bundled with your text, or that you purchase as a stand-alone item. It comes inside an 8 ½ by 10 inch cardboard package labeled *MyMathLab Student Access Kit*. You may also purchase student access online with a credit card.

4. The zip code for UAB, which is **35294**.

****Temporary access to Pearson CourseCompass is available for those students waiting on financial aid or experiencing other circumstances requiring a delay in payment for the access code. Students must pay for full access (MyMathLab Access Code) to stay in the online course past the temporary access expiration date. Note that any course work they submit prior to this expiration date is not lost.**

Math Help. Tutoring assistance is available in the Math Learning Lab (**MLL**) located in **Heritage Hall 202**. The MLL is normally open Monday through Friday and on Sundays. The hours of operation are posted on the door and can also be viewed on-line at www.math.uab.edu under *Math Lab: Hours of Operation*.

Calculator policy. Scientific calculators may be used for homework and quizzes, but **students may not use personal calculators while taking tests**. Note that all tests and the final exam for this course are administered in the MLL during your scheduled lab meeting times, and there is an on-screen scientific calculator available for your use when testing. Your instructor will not assist you with the on-screen

calculator during a test, so it would be to your advantage if you familiarized yourself with the use of the on-screen calculator in the MLL *before* you have to take a test.

Course Grades: Students earn their grade in the course by accumulating points. There is a maximum of 1000 points available. Student letter grades are awarded as shown in the following tables. Students should go to https://secure.cas.uab.edu/mll/db/ to review the status of their grades in the course. Note that grades are awarded by points earned, not by percentages.

Number of Points	Letter Grade
880 to 1000	A
750 to 879	B
620 to 749	C
500 to 619	D
Below 500	F

Grade Element	Points	Quantity	Total Points
Homework	5	14	70
Participation points	5	14	70
Quizzes	10	14	140
MLL attendance	5	14	70
Tests	100	4	400
Final Exam	250	1	250
Total points			1000

Homework: There are 14 homework assignments. For each assignment you can earn up to 5 points, based on your homework score. An **unlimited** number of attempts can be made on each homework problem. If you miss a problem, click on *similar exercise* to work another problem correctly for full credit. There is no time limit for homework, so you may go in and out of the homework as many times as you like before the deadline (all your work is automatically saved). You earn points for homework completed on or before the due date. After the due date, you can review homework assignments and work similar exercises, but you cannot change your score.

Class Meetings: There are 14 class meetings. For each class meeting that you attend you will earn 5 participation points. Points are earned if you are on time, and if you stay in the classroom for the entire class meeting. **No participation points are awarded for an absence (excused or unexcused).**

Quizzes: There are 14 quizzes. Each quiz is worth 10 points. **Quizzes must be taken in the Math Learning Lab** (during the scheduled hours of operation) on or before the deadline. Please note that the **quiz deadlines include specific dates and *times***. All quizzes require a password, and you will find these listed on a desktop sign in the MLL near the main entrance. **You must complete the quiz by yourself**. You may not obtain assistance from a fellow student or from a tutor. The **quizzes are timed**. Once you begin a quiz you must finish it within 30 minutes. You cannot exit the quiz or that will count as one of your attempts. Each quiz can be taken a **maximum of two times**. The higher grade attained will count.

MLL Attendance: There are 14 lab meetings. For each lab meeting that you attend, you will earn 5 points. Points are earned if you are on time, and if you stay in the lab for the entire meeting. **No points are awarded for an absence (excused or unexcused).**

Students can work on their homework, take quizzes, obtain tutoring assistance, and listen to course video lectures in the MLL. (To watch and listen to computer video lectures, students can bring their own headsets or can check out a headset from the MLL.)
When you come into the MLL, you must log on to the course homework system. To log on, click on the appropriate course box. Then you will be prompted to enter your BlazerID and password.

Tests: There are four major tests to be taken. Tests will be taken in **Heritage Hall 202** during scheduled lab meeting times. The tests are timed and are 50 minutes long. **Students are required to keep a government issued photo ID on their desks during testing (UAB student ID, driver's license, etc).**

Make-up policy: There is no make up for missing any of the following: Participation Points, lab meeting attendance points, homework deadlines, or quiz deadlines. If a major test deadline is missed due to a **serious *verifiable*** circumstance, the student may submit an Appeal Form (available in the Math Department Office in 452 Campbell Hall) to the Math Department Appeals Committee. The Appeal Form, along with supporting documents attached, must be received no later than one week after the missed deadline. The appeal will be reviewed by the Director, the course instructor, the course coordinator and the Supervisor of the MLL. The student will receive a prompt reply as to the adjudication of the appeal, but should continue working in the course.

Final Exam: Students take the final exam just as they take the major tests. The final exam will be given on **Wednesday, May 8, 2012 from 4:15 – 6:45 pm.**

Course Completion: The course is complete once the student takes the final exam. No other points may be earned after the final exam has been taken.

Cell Phones. Student cell phones must be **turned off** and **put away** during all class meetings. In the MLL, cell phones must be **turned off during testing**, and they should be set to vibrate mode at other times.

Notebook. Students are required to have a notebook in which they can record class meeting notes, file this syllabus, file instructor e-mail messages, and file other course related information.

Disability Support Services (DSS). DSS offers special accommodations to students who qualify. The UAB DSS office is located on the fifth floor of the Hill University Center, telephone: 934-4205, e-mail: dss@uab.edu. Students who have a DSS-approved accommodation for extended test times will take quizzes and tests that have a longer time duration. See your instructor for further information.

Withdrawal: The last day for withdrawing from this course without the payment of full tuition and fees is **January 16, 2013**. The last day to withdraw from this course with a grade of ***W*** is **March 28, 2013.** Students withdraw from a course online using Blazernet or by completing the appropriate paperwork in the UAB Registrar's Office in the Hill University Center. The signature of the instructor is not required.

Learning Outcomes:

Upon successful completion of MA 106, a student

- understands trigonometric functions and their inverses from an algebraic, geometric (graphical), and numerical viewpoints (including domains and ranges);
- is able to apply trigonometric principles to solve problems involving triangles;
- can interpret the plane from the viewpoint of both rectangular coordinates and polar coordinates and knows how to move between these representations;
- understands conic sections, their definitions, and their graphs;
- is able to translate verbal descriptions into mathematical form in the solution of problems;
- is able to construct and interpret tables, graphs, and algebraic representations of functions, and move among them;
- is able to draw relevant conclusions from algebraic models and applications, and communicate them in appropriate ways to an audience.

In addition to developing specific algebraic skills relevant to an understanding of functions, these learning outcomes promote students' development of quantitative literacy.