Math 125-02   Basic Mathematics for Science & Engineering   Syllabus   Spring 2014

INSTRUCTOR: Kayla Harville   **OFFICE**:   Hume 216
E-MAIL: kddavis1@olemiss.edu   **OFFICE HOURS**: 12:30 – 2:30 TTh or by appointment

SOFTWARE (REQUIRED): MyMathLab Algebra & Trigonometry by Trigsted Student Access Kit, 1/E

LEARNING OUTCOMES: Students who successfully complete Math 125 will be able to solve a variety of algebraic equations; manipulate rational expressions; solve polynomial and rational inequalities; identify, evaluate, combine, and compose functions; find the inverse of one-to-one functions; identify the vertex and x-intercepts of quadratic functions; find the equations of the vertical, horizontal, and slant asymptotes of rational functions; solve exponential and logarithmic equations; expand and condense logarithmic expressions using properties of logarithms; work with angles in degree or radian measure; write the ratio definitions of the six trigonometric functions; evaluate trigonometric functions of angles; evaluate inverse trigonometric functions; verify fundamental trigonometric identities; and solve basic trigonometric equations.

HOMEWORK:
- Homework will be assigned for each section of material covered and will count for a total of 100 points.
- The lowest two (2) homework grades will be dropped at the end of the semester.
- Homework assignments will be done on the computer using the MyMathLab software. **Course ID: harville71688**
- Homework assignments may be done as many times as needed before the due date, with only the best score counting toward the student's grade.
- Homework must be submitted by 11:59 p.m. on the due date for full credit.
- **Any late homework assignments may be submitted by 11:59 p.m. on Sunday, May 4 for half-credit.**
- Any homework assignment that is not submitted will be given a grade of zero (0).

TESTS:
- There will be four (4) major tests during the semester.
- Each test will count 100 points toward the student's final grade.
- If a test is missed for ANY reason, a grade of zero (0) will be given
- NO MAKE-UP TESTS WILL BE GIVEN FOR ANY REASON.
- The lowest of the four major test grades will be dropped at the end of the semester.
- Any student who must miss a scheduled test because of an official University function must reschedule and take the test at a time BEFORE the exam is scheduled to be given. NO OTHER rescheduling will be allowed.

FINAL EXAM: The final exam for this class is on Wednesday, May 7 at Noon.
- The final exam is comprehensive, consists of 40 multiple-choice questions, and will count 200 points.
- Students will be given a maximum of three (3) hours to complete the final exam.
- Any student who must miss the final exam because of an official University function must reschedule the exam on some other mutually satisfactory date.
- Any student having three or more final exams scheduled for the same day will arrange with the instructor to take either the 12:00 p.m. OR the 7:30 p.m. exam on some other mutually satisfactory date.
- Every student must take the final exam at the time scheduled. The only exceptions are the students affected by the two situations above.
- An "I" grade will not be given without the permission of the Department of Mathematics.

FINAL GRADE: The cumulative total for the course is 600 points.   (300 tests, 100 homework, 200 final exam)

Grade	Points Necessary for Grade
A	537 – 600 = 90% - 100%
B+	519 – 536 = 87% - 89%
B	477 – 518 = 80% - 86%
C+	459 – 476 = 77% - 79%
C	417 – 458 = 70% - 76%
D	357 – 416 = 60% - 69%
F	below 357

ATTENDANCE POLICY:
- **Students are allowed a cumulative total of five (5) absences without penalty.**
- Students who accumulate more absences than are allowed will have ten (10) points deducted from their final point total FOR EACH absence above the limit.

TEST INFORMATION: (Dates are tentative and subject to change.)
- Tests will be administered during regular class meetings.
- Each student will be given a maximum time of 55 minutes to complete his or her test.
- Under no circumstance will a late or make-up test be given to any student.

TEST 1: Monday, February 10 – covering sections R.3, R.4/R.5, R.6, 1.1, 1.7, 1.4, 1.6
TEST 2: Wednesday, February 26 – covering sections 2.3, 3.1, 3.5, 3.6, 4.1
TEST 3: Friday, March 28 – covering sections 4.3, 4.4, 4.6, 1.9, 5.1/5.2, 5.3, 5.4, 5.5
TEST 4: Friday, April 25 – covering sections 6.1, 6.4, 6.5, 7.1/7.2, 7.4/7.5, 8.1, 8.5
FINAL: Wednesday, May 7 at Noon – comprehensive

FINAL EXAM SCHEDULE:

Examination Date	Exam Time	Time Class Meets
Monday, May 5	8:00 a.m.	8:00 a.m. MWF
	Noon	11:00 a.m. MWF
	4:00 p.m.	2:00 p.m. MWF
	7:30 p.m.	Mon. & Wed. evening classes beginning at 5:00 or 5:30 p.m. or Mon. evening only.
Tuesday, May 6	8:00 a.m.	8:00 a.m. TX
	Noon	11:00 a.m. TX
	4:00 p.m.	2:30 p.m. TX
	7:30 p.m.	Tues. & Thurs. evening classes beginning at 5:00 or 5:30 p.m. or Tues. evening only.
Wednesday, May 7	8:00 a.m.	9:00 a.m. MWF
	Noon	1:00 p.m. MWF
	4:00 p.m.	4:00 p.m. TX
	7:30 p.m.	Mon. & Wed. evening classes beginning at 6:00 p.m. or later or Wed. evening only.
Thursday, May 8	8:00 a.m.	9:30 a.m. TX
	Noon	1:00 p.m. TX
	4:00 p.m.	3:00 p.m. MWF
	7:30 p.m.	Tues. & Thurs. evening classes beginning at 6:00 p.m. or later or Thurs. evening only.
Friday, May 9	8:00 a.m.	10:00 a.m. MWF
	Noon	Noon MWF
	4:00 p.m.	4:00 p.m. MWF

CALCULATORS AND ELECTRONIC DEVICES:

- **No calculators of ANY kind may be used during examinations.** Use of such electronic equipment will be considered academic dishonesty and appropriate action will be taken.
- All cellular phones, pagers, and other electronic equipment should be turned off during class.

CHEATING: The following statement is the policy of the Department of Mathematics regarding cheating:

> Offenses: Cheating on any exam, quiz, homework, work to be completed in class; theft or attempted theft of exam questions; use of prohibited technology; possession of exam questions prior to the time for examination; shall all be offenses subject to appropriate penalties.
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> Penalties: The penalty for commission of any offense set out above is failure in the course and, subject to the approval of the Chancellor, dismissal or suspension from the university.

WITHDRAWAL DEADLINE FOR SPRING 2014 SEMESTER: Tuesday, March 4

- After the course withdrawal deadline, a student may withdraw from a course only in cases of extreme and unavoidable emergencies as determined by the academic dean.
- Withdrawing from a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student has changed his or her major.
- After the course withdrawal deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise, the grade recorded will be F.

ACADEMIC NEEDS: It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will then be made by that office through the student to the instructor of this class. The instructor will then be happy to work with the student so that a reasonable accommodation of any disability can be made.

SPECIAL DATES:

Classes begin:	Wednesday, January 22
Course Withdrawal:	Tuesday, March 4
Spring Break:	Monday – Friday, March 10 – 14
Good Friday:	Friday, April 18
Classes end:	Friday, May 2
Final Exams:	Monday – Friday, May 5 – 9

TUTORING: The Math Department offers free tutoring in the Jackson Center Math Lab. Times to be announced.

PEARSON CUSTOMER SUPPORT: Problems involving the MyMathLab software should be directed to their technical support department.
- The Pearson Customer Support Office is open Monday – Friday from 11 am until 7 pm (central time)
- Students may call 1-800-677-6337 to receive assistance with the software.
- Help can be found 24 hours a day online at http://247pearsoned.custhelp.com/ .
- It is **highly recommended** that you do not use Safari as your internet browser for this software.

MyLab / Mastering Course Registration Instructions

Dear Student,

Your instructor chose MyLab / Mastering to help you succeed in this course. With rich media, your eText, and much more, your course provides you with the resources you need to master even the most difficult concepts. Your course is designed to help you get a better grade!

What You Need to Enroll in your Instructor's Online Course

- ✓ **A Course ID:** harville71688

- ✓ **A valid email address that you check regularly**
  This address will be used to confirm your registration and for other communication about the course. Your instructor will also use this email address to communicate with you.

To Register and Sign in to Your Instructor's Course the First Time

- ➢ Go to www.pearsonmylabandmastering.com
- ➢ Click **Student** under Register.
- ➢ Enter your Course ID and click **Continue**.
- ➢ Verify the course information.
- ➢ You have a Pearson account if you have used other Pearson online products.
  Enter your username and password, and click **Sign In**.
- ➢ If you don't have a Pearson account, click **Create an account.**
- ➢ Complete your account set up by entering your name, email address, a username and password, and any other required information.
- ➢ Click **Create Account**. You now have a Pearson account.
- ➢ **Course access** – You have three choices
  - ▪ If you have already purchased an access code, click **access code**, enter the code and click **Finish**.
  - ▪ If using a credit card or PayPal, click the button for the access you want to purchase, provide payment account information and verify your order.
  - ▪ Click on **Get temporary access** and then confirm your choice by clicking **Yes.** This will give you temporary access to the course for 14 days. At that time, you will have to purchase an access code.
- ➢ Print the Confirmation & Summary

You now have access to your instructor's online course.
Click **Go To Your Course**, and then in the left panel, click the course name to start your work.

To Sign in to Your Course Again Later

- ➢ Return to www.pearsonmylabandmastering.com
- ➢ Click **Sign In.**
- ➢ Enter your Pearson account username and password and click **Sign In**.
- ➢ In the left panel, click the course name to continue your work.