Henderson State University, “The School with a Heart,” offers quality undergraduate and graduate education to a diverse student body. As Arkansas’s public liberal arts university, we empower each student to excel in a complex and changing world.

**Syllabus**

**Course** - Math 3113 - Linear Algebra  
**Time** - 9:00 MWF  
**Instructor** - Dr. Worth  
**Office Hours** - Monday, Wednesday, Friday 10-11, 1-2  
Tuesday, Thursday 9:30-10, 3-3:30 or by appointment  
**Semester** - Spring 2015  
**Room** - Evans 203  
**Office** - Evans 111F  
**Office Phone** - 230-5079  
**E-mail** worthf@hsu.edu

**Prerequisite** - Discrete Mathematics

**Text** - Linear Algebra (4th Edition), by David Lay

**Calculator** - A graphing calculator is required. Since I will be using a TI-84 in class it is strongly recommended that you use a TI calculator as well.

**Computer** - I answer e-mail promptly. This is a good way to get questions answered. We will be using Maple for some activities.

**Web pages**
- **personal**  
  http://fac.hsu.edu/worth/index.html  
  http://meettheprof.com/prof/fred-worth/
- **course**  
  http://fac.hsu.edu/worth/Linear_Algebra/index.htm
- **book’s web site**  
  http://www.laylinalg.com/  
  may require registration code from text

**Grading**

**Homework**  
Homework average counts as a test score. Each assignment is 20 pts.

**Tests**  
4 Tests.

**Make ups**  
If you will miss a test, let me know by the end of the day on which the test was scheduled. If you do not, you may not get to make up the test.

**Pencil**  
On tests, homework and quizzes you MUST use a pencil. You will automatically lose 10 points if you use a pen.

**Journal**  
Electronic weekly report regarding progress in the course, problems, etc. Will be included in homework grade.

**Final**  
Counts as two test scores. If final exam grade is higher than a test grade it will also replace the lowest test score, though it will not replace the quiz grade or the paper. It will be comprehensive.

**Writing**  
This course is designated a "writing intensive course." One aspect of learning mathematics is developing the ability to communicate mathematics. There will be a number of writing assignments. Proofs are writing assignments. Writing will be graded more completely than in most mathematics courses. That includes spelling, grammar, structure, etc. On some assignments, you may get opportunities to rewrite and resubmit the assignment.

**Class Policies**

- Cell phones should be turned OFF during class.
- Occasions will sometimes arise that will necessitate students leaving class early. If you let me know before class there will be no problem. If you leave early without letting me know before class, then I will consider you absent for that day.
- If you will miss class for some official university function, it is YOUR responsibility to notify me. I do not read mass e-mail lists of absences from faculty or coaches.
• Excessive absences may result in you being dropped from the class.

Important Dates
- Tentative test dates - February 6, March 2, April 3, April 29
- Last day to drop with a W - March 13
- Last day to withdraw - April 23
- Final Exam - Wednesday, May 6, 8:00 p.m.

WP policy
Look at first test date AFTER last day to drop with a "W." If you’ve attended class regularly and taken that test, and decide to drop the class, you may drop with a WP regardless of your grade IF you drop within 2 working days of the day I hand back the test. After that, if you aren't passing you will NOT receive a WP.

Homework Guidelines
The following guidelines must be followed for any hand-in homework.
1.) Late homework will NOT be accepted under any circumstances.
2.) Name in the upper right hand corner of the first page.
3.) If it is more than one page, then it must be stapled.
4.) Each problem/essay/etc. must start at the left hand margin.
5.) Copy the directions as they appear in the text or assignment sheet.
6.) Do the problems in order.

The following guidelines must be followed for any hand-written homework.
1.) All edges must be clean, i.e. not torn out of coil bound notebooks.
2.) One side of the paper only.
3.) Work must be NEAT. Lots of erasing and crossing out is not acceptable.

The following guidelines must be followed for any typed homework.
1.) Must be typed in 12 point font.
2.) Must use 1” margins all the way around.
3.) If you use the printer in Evans 205, print in grey scale (black and white) unless something in the assignment needs to be in color.

Problem Assignments
The more problems you work, the more you will learn. Consider all of the problems in the book to be assigned. I realize you will probably not always have time to work all of them. At least try to work every third problem.

Reading
Due to the writing aspect of the course, it will be more important than usual that you read the material in the book PRIOR to the material being covered in class.