

FINITE- MATH 1324 - DE - Blackboard, CRN 52199

COURSE SYLLABUS for Fall, 2011, August 27 - December 18, 2011

Instructor: Dr. Helen Lee Wylie, Town & Country Campus, Room AD5, 713-718-5658, Office Hours, MW 7- 8am and 11 - 12:30 pm. I am at other campuses on TTHF. I log on twice a day during the week. Please email from BB or MyMathLab, me with your questions.

Course Description: A survey of finite mathematics and its application to problems of business and the natural and social sciences. Topics include set theory, probability, and introduction to solving matrices, linear programming, and an introduction to statistics.

There is a new DE STUDENT HANDBOOK online for you to use. Please look at it at:
<http://de.hccs.edu/de/de-student-handbook>.

TEXTBOOK: MATHEMATICS WITH APPLICATIONS; 9TH edition, 2007, Lial, Hungerford, Holcomb; Addison Wesley. ISBN 0-321-38779-1. If you want to save money, just buy the access code for MyMathLab, as we are going to do all homework, reviews and tests, plus Final Exam with in that package. It also has an ebook with it with multimedia, powerpoints etc. There is 17 days FREE access to MyMathLab. The code costs about \$80 online, more at the bookstore. The id is : wylie84297. PLEASE USE YOUR HCCS STUDENT ID WHEN LOGGING INTO MYMATHLAB.

ATTENDANCE: Since this is an online course, attendance is not taken. However, you should try to log on daily for updates, check your email for messages, and keep up with your work.

GRADING POLICIES:

SCALE: 90 - 100 => A, 80 - 89 => B, 70 - 79 => C, 60 - 69 => D, below 60 is an F.

60% of your grade will be from the 4 UNIT TESTS taken online. The Reviews and TESTS will be open all semester but on the CALENDAR. However, there is a minimum due date for the homework and reviews/tests for each unit. So you can go faster, but not slower. I have a recommended schedule for you to follow on the calendar. I will also send you reminders.

10% of your grade will be from homework grades. You will be able to take the Reviews 3 times until you get the questions correct.

60% of your grade will be from the average of your TESTS for the Units. All of this is in MyMathLab. The id is : wylie84297. You have 17 free days. Please do browser check and tutorials in MyMathLab if you have never used it before.

30% will be from the Final Exam which is taken online. You will know your grades for those tests done online immediately.

The last day that you can Withdraw with a W is November 3, 2011 at 4 pm. You can only have 6 W's and still get a degree. You must withdraw yourself by the above date at : <https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCD=ENG> . I tend not to withdraw you since I don't know how many W's you have. It is serious business now!!

Course Objectives: At the completion of this course, a student should be able to:

1. Be able to graph systems of linear equations in two variables.
2. Be able to solve systems of linear equations using Gauss-Jordan.
3. Know how to add, subtract, and multiply matrices.
4. Be able to find the inverse of a square matrix.
5. Be able to graph systems of linear inequalities in two variables.
6. Know the graphical method for solving standard maximization and minimization problems.
7. Know the matrix way of solving linear programming problems.
8. Be able to perform the basic set operations.
9. Be able to use the multiplication principle of counting.
10. Understand permutations and combinations.
11. Understand conditional probability.
12. Be able to find expected values.
13. Be able to find mean, median, mode, range, variance and standard deviation of a set of value.
14. Be able to find the binomial probability and use the normal distribution so solve problems.

NEW DE STUDENT USERID:

Your new student login userid will be **your HCC User ID (sometimes referred to as the "W" number)**. All HCC students have a unique User ID. It is the same number you use for class registration. For students who have taken DE classes in previous semesters, the login will no longer be "firstname.lastname" + the last 2 digits of your SS#. If you do not know your User ID you can look it up sing the following links:

a) From www.hccs.edu, click on "Login Help" under the "Student System Sign In" field, then click on "Retrieve User ID" and follow instructions

Or use the direct link:

<http://hccsaweb.hccs.edu:8080/servlets/iclientservlet/sauat/?cmd=start>

The default student password will still be "distance". As always, students will then be prompted to change their password after their first login. These new student login procedures apply to classes taught in

DISABILITY NOTIFICATION: Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc) who needs to arrange reasonable accommodations must contact the appropriate HCC Disability Support Service (DSS) Counselor at the beginning of each semester. Faculty are authorized to provide only the accommodations requested by the Disability Support Services Office.

Students who are requesting special testing accommodations must first contact the appropriate DSS Counselor for assistance. Please contact the Distance Education Counselors at 713.718.5275, option #4 or at de.counseling@hccs.edu in order to be referred to the appropriate HCC DSS Counselor.

Students who require testing accommodations need to schedule an appointment for testing to ensure that staff will be available for proctoring and arrange for any adaptive equipment that may be required.

DISTANCE EDUCATION ADVISING & COUNSELING SERVICES: Advising can be accomplished by telephone at 713.718.5275, option #4, via email at de.counseling@hccs.edu, and by visiting the Distance Education Office at the HCC Administration Building, 3100 Main Street, 3rd floor.

HCC Course Withdrawal Policy

The State of Texas has begun to impose penalties on students who drop courses excessively. That is, if you repeat the same course more than twice, you have to pay extra tuition. In addition, as of Fall, 2007, students are limited to no more than SIX total withdrawals throughout their educational career at a Texas public college or university, or you won't get a degree. To help students avoid having to drop/withdraw from any class, HCC has instituted an Early Alert process by which your professor will "alert" you and Distance Education (DE) counselors that you might fail a class because of excessive absences and/or poor academic performance. Contact your DE professor regarding your academic performance or a DE counselor to learn about what, if any, HCC interventions might be available to assist you - online tutoring, child care, financial aid, job placement, etc. - to stay in class and improve your academic performance. **In order to withdraw from your DE class, you MUST do it at :** <https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCD=ENG> .That date is **April 21, 2011 at 4 pm**. If you do not withdraw before the deadline, you will receive the grade that you have earned by the end of the semester. Zero's will be averaged in for assignments missed but required. This usually means an "F". You may also contact a DE Counselor to withdraw.

VIRTUAL CLASSROOM CONDUCT: As with on-campus classes, all students in HCC Distance Education courses are required to follow all HCC Policies & Procedures, the Student Code of Conduct, and the Student Handbook, and relevant sections of the Texas Education Code with interacting and communication in a virtual classroom with faculty and fellow students. Students who violate these policies and guidelines will be subject to disciplinary action that could include denial of access to course-related email, discussion groups, and chat rooms or being removed from the class. **DO YOUR OWN WORK!! I HAVE A PROGRAM THAT TRACKS EACH OF YOU CLOSELY.**

TIMELINE You will spend the first week doing Assignment 1 in the START HERE folder on the HOMEPAGE then start Unit 1 in the book or ebook in MyMathLab..

UNIT ONE	4 weeks	Chapters 6- Systems of linear equations and matrices. SEE CALENDAR) Read the section in the book or ebook in MyMathLab, then do that homework in MyMathLab, then read next section, do homework, etc. When finished, do the Review test (3 attempts to get it correct) then the Unit 1 test, 2 attempts on the first, then only 1 on the rest.
UNIT TWO	4 weeks	Chapters 7- Linear Programming.
UNIT THREE	4 weeks	Chapters 8& 9 - Sets and Probability.
UNIT FOUR	3 weeks	Chapter 10 - Statistics.
FINAL EXAM	last week	