FINITE- MATH 1324 - DE - EagleOnline (EO), CRN 45426

COURSE SYLLABUS for Summer 2013, June 4 – July 28, 2013

Instructor: Dr. Helen Lee Wylie, Town & Country Campus but I am not going to be in my office during the summer. I log on once a day during the week. Please email me from EO 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; 10TH edition, 2011, Lial, Hungerford, Holcomb; Addision Wesley. ISBN 0-321-64553-7.. If you want to save money, just buy the access code for MyMatyLab, 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 for the MyMathLab is at the top of the Homepage in Eagle Online (EO). Please use the same name for the free access and when you pay for it and use the same name you are registered in the class. Otherwise I might not recognize your work in MyMathLab. You have to register for the class and pay tuition for the class. You should log into Eagle Online at least once a week, even though the work is in MyMathLab.

ATTENDANCE: You have to log into Eagle Online by June 9th, Sunday and put a brief introduction in the folder on the homepage and sent an email to me answering the 4 questions I ask. Otherwise I will mark you absent on June 10th, Day of Record, and they will drop you from the course. Since this is an online course, attendance is not taken. However, you should try to log on several times a week 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 5 TESTS taken online. The homework will be open all semester as will the Quizzes (which are optional and not included in averaging your grade) Everything in MyMathLab will be open until July 23. I have to average grades, get the on the computer and turned into the Math Department Office by Friday morning July 26. So there are no exceptions and no I's given in this course.. I have a recommended schedule for you to follow on the calendar. I will also send you reminders. Please do not wait until the

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last week to do it all. I will assume that someone else is giving you the answers. Since there are 5 tests, 4 Units you should spend about 2 weeks per Unit.

10% of your grade will be from the average of all assigned homework grades. You will be able to take the Quizzes 3 times until you get the questions correct but they don't count in your grade. 60% of your grade will be from the average of your TESTS for the Units. All of this is in MyMathLab. The MyMathLab ID is at the top of the EO homepage. You have 17 free days. When you purchase it please use the same user name and password or you will set up 2 accounts which will be difficult to follow. 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 at the Testing Centers, July 19th-21st. HCCS Math Department has decreed that 30% of your grade has to be in a proctored setting with pictured ID. So I use the Final Exam. If you live out of town you can arrange with the DE department for a proctor (Ayesha.gates@hccs.edu) several weeks in advance. They have to have a FAX machine. You will know your grades for those tests done online immediately.

The last day that you can Withdraw with a W is July 8, 2013 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-Jordon.

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 passwork 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, optionws #4 or at de.counseling@hccs.edu in order to be referred to the appropriate HHC DSS Counselor.

Student who require testing accommodations need to schedule an appointment for testing to ensure that staff wil 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 eho 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 throughtout 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. Contactyour 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 July 9, 2012 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 communicdation in a virtual classroom with faculty and fellow students. Students who violate these policies and quidelines 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	2 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 (Which are optional and not counted in the grade.3 attempts to get it correct) then the Unit 1 test Chapter 6.**
UNIT TWO	1 1/2 weeks	Chapters 7- Linear Programming same process.

UNIT THREE	1 1/2 weeks		Chapters 8& 9 - Sets and Probability.
UNIT FOUR	1 ½ weeks		Chapter 10 - Statistics.
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FINAL EXAM	last week		