University of Dayton  
Department of Mathematics  
MTH 544 / Time Series  
Spring 2015


PREREQUISITE: Knowledge of Multivariable Calculus, Linear Algebra and Statistics.

INSTRUCTOR: Dr. Maher Qumsiyeh (Dr. Q).

OFFICE: Science Center SC-129C       PHONE: 229-1032

HOMEPAGE: [http://academic.udayton.edu/MaherQumsiyeh/](http://academic.udayton.edu/MaherQumsiyeh/).

This Syllabus can be found on my homepage under courses.

EMAIL ADDRESS: qumsiyeh@udayton.edu

OFFICE HOURS: Monday 3-3:50 pm. Tuesday 2-2:50, Wednesday 3-3:50 pm  
Friday 11-11:50 am.

SOFTWARE: The statistical software package SAS will be used extensively. Sometimes we might use the statistical package SPSS. Both are available to the students for home installation.

MATERIAL COVERED:  

HOMEWORK:  
Homework will be assigned on a regular basis. Some of the problems will be collected. Many of the exam problems will be similar to homework problems. Start each assignment as soon as you get it so that you can take advantage of my office hours in case you have questions. You can come for help on graded and practice problems, I will not help you with graded homework on the day it is due. Collected assignments have to be neatly written and all pages stapled. Late homework will not be accepted. SAS and SPSS will be utilized in most homework’s. I will introduce you to both software packages and the necessary tools to complete your Homework’s.

GRADING SYSTEM:

- Homework’s are worth 100 points.
- Tests are worth 100 points (in class and take home).
- A comprehensive FINAL EXAM worth 100 point (in class and take home).
- Project worth 50 points.

At the end of the semester your total points are divided by the total possible (350).
LETTER GRADES:

- 93-100 is an A
- 89-92 is an A-
- 87-89 is a B+
- 83-86 is a B
- 80-82 is a B-
- 77-79 is a C
- Below 70 is F

IMPORTANT:

1. You are responsible for all announcements made during class.
2. Cell phones are not to be seen or heard during class.
3. If you cannot make my office hours, you can always make an appointment to see me, please let me know one day in advance.
4. I might occasionally send you email with information relevant to the class. I will pull the mailing list off the UD Address Book. It is your responsibility to check that your preferred email address is specified in the UD Address Book.
5. If you need help at any time, feel free to contact me immediately, don’t wait until it is too late.
6. Last day to drop without record is Monday, February 2. Last day to drop with record of W is Wednesday, April 8.

The Honor Pledge

I understand that as a student of the University of Dayton, I am a member of our academic and social community. I recognize the importance of my education and the value of experiencing life in such an integrated community. I believe that the value of my education and degree is critically dependent upon the academic integrity of the university community, and so in order to maintain our academic integrity, I pledge to:

- Complete all assignments and examinations by the guidelines given to me by my instructors;
- Avoid plagiarism and any other form of misrepresenting someone else's work as my own;
- Adhere to the Standards of Conduct as outlined in the Academic Honor Code.

In doing this, I hold myself and my community to a higher standard of excellence, and set an example for my peers to follow.

Have a Wonderful Enjoyable Semester