

STAT 407 - Introduction to Mathematical Statistics

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Education

B.A., Messiah College, Major: Mathematics (minor: Statistics)

M.S., Virginia Polytechnic Institute and State University, Major: Statistics

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Meeting Times: TR 11:55 - 1:10 (F347)

Office Hours: See course website.

Web Resources: http://home.Messiah.edu/~SWilcock/STAT407_resources/

This site contains many additional resources, including details about course policies. Copies of the handouts that you will receive this semester may also be available here. You are **required** to read the course policies, so that you know what to expect from me, and what I expect from you. Continuation in this course is your testimony that you have done this and agree to these policies.

Prerequisites:

- STAT 291: Statistics for the Mathematical Sciences I
- MATH 211: Calculus III

Material covered in these courses will not be presented again in this course. From time to time the professor will note where topics have been covered before and proceed with using the concepts. If you do not remember how to do something that the professor assumes you know, it is your responsibility to review these topics outside of class. Also, please note that it will be assumed that you can do calculus without the aid of Derive or your calculator. Unless otherwise noted, homework and exams should be done by hand, not with your calculator.

Text: Robert V. Hogg, Joseph W. McKean, and Allen T. Craig, *Introduction to Mathematical Statistics*, Sixth Edition.

This text can serve as a valuable resource for you throughout this course, and beyond. There will be no required readings, but I strongly suggest you read through the sections in the book as we go to insure that you are understanding what I cover in class. Also, once you are out of the course, the text, handouts, and your notes can serve as a reference for you as you go through other courses in your majors, and even once you are working.

Note: I will also assume that you still have access to Jay L. Devore's *Probability and Statistics for Engineering and the Sciences* in whichever edition you used in STA 291.