STA 4183 Fall 2016

Instructors:

Ronald H. Randles – Professor Emeritus of Statistics

David Lindberg - TA

The Course:

Syllabus

Prerequisite: **Calculus II (MAC2312)**

Purpose of the Course: To cover appropriate topics as preparation for the Society of Actuaries FM Exam

You need to be:

Serious about the material on the SOA FM exam

Able to memorize formulas (NO CRIB SHEETS
FOR EXAMS)

The type of person who enjoys math word problems

Someone who is not frustrated by notation

Able to work many exercises in order to know
the material well and prepare for the exams

Able to handle timed examinations

Able to handle the course's RAPID PACE
necessary to cover the FM exam material

Professional Course

Notes provided will be incomplete after Chapter 01

Many assigned exercises

You must adopt a professional approach to the class:

(i)   attend virtually every class

(ii)   work the appropriate exercises as they are
assigned

(iii)   memorize the formulas as they are assigned

(iv)   keep up in you work

This course counts as:

a) fulfilling a requirement in the actuarial
   science minor
b) a 4000-level course elective for the statistics
   major or a statistics minor if your catalog year
   is earlier than fall 2015

Printed Class notes are available at
  Target Copy, 1412 W. University Avenue
   at a cost of $15.36 .

Class Website:
http://www.stat.ufl.edu/~rrandles/sta4183/index.html

Exam Dates:
Tuesday, September 13   Tuesday, October 11
Tuesday, November 8   Tuesday, December 6

Assignments

for each class period and are available on the class website. They will include:

(i)   Pages to read in the textbook.

(ii)   Focal Points (Big picture issues that we are discussing on that day)

(iii)   Textbook exercises to work

GRADING:

Exams (4 @ 100 points each)	400
Quizzes	40
Collected Homework	40

Total Course Points	480

The six quiz dates are listed on the class syllabus. There will be NO make-up quizzes given for any reason.

Collected homework will be assigned one week before it is due. You are expected to turn in your collected homework in the class period in which it is due (or before that). Late papers will NOT be accepted.

Student Information:

Name

Major - - Advisor

Highest Level Math

Highest Level Finance

Why are you taking this course?

Actuarial Science

Please note that the Florida Actuarial Student Society will have meetings beginning soon this fall semester. Companies will come to visit the club and will describe their work and will be interviewing students for summer internships and full time jobs. To be sure that you receive the notices about these meetings, from your UF account, go to

http://www.stat.ufl.edu/academics/ugrad/ActuarialScience/index.htm

and enter your UF e-mail address into the listserve to get the meeting announcements.

The Actuarial Profession is always highly rated: Currently #10 in the 2016 CareerCast Rating of Professions

Preparing for the SOA FM Exam:

We will cover the essential topics for the exam in this class.

To properly prepare you must practice by taking old exam questions and study problems beyond what we cover in this class.

ACTEX and ASM publish study materials and practice exam questions. Taking these practice exams is an important part of your preparation for the FM exam. See, for example, www.actuarialbookstore.com. Some students have also found the software and materials published by coachingactuaries to be very helpful.

The syllabus of the FM exam given by the SOA will change as of June 2017. This class will follow the syllabus for the current exam. Starting in June of 2017 the derivatives material will no longer be included on the FM exam. A small amount of new material will be added to the FM syllabus. The material concerning derivatives taken off the FM syllabus will be included on the syllabus of the reformulated Financial Economics (MFE) exam given by the SOA.