Dillard College of Business Administration

Syllabus: ECON 4663 Section 101
Topics in Econ: SAS Certification
Tuesday and Thursday 11:00 am until 12:20 p.m.
Dillard Building Room 335

CONTACT INFORMATION:

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SYLLABUS CHANGE POLICY:
This syllabus is a guide for the course and is subject to change. All changes will be announced in class and students will be responsible for incorporating the changes into the syllabus. If, at some point, the university switches to an online format, there will be significant changes in the way future exams are administered. In that case, it will be necessary for students to have access to a webcam. Any exam taken online will be monitored through RESPONDUS.

COURSE MATERIALS:
SAS® Certification Prep Guide [PG]: Base Programming for SAS®9, Third Edition
Copyright © 2011, SAS Institute Inc., Cary, NC, USA ISBN 978-1-60764-924-3

Learning SAS [LS] by Example – A Programmer's Guide, 2e, Ron Cody
Copyright © 2018, SAS Institute Inc., Cary, NC, USA ISBN 978-1-63526-659-7

Getting Started with SAS Programming: Using SAS Studio in the Cloud [CLD], Ron Cody
Copyright © 2021, SAS Institute Inc., Cary, NC, USA ISBN 978-1-953329-20-2 (Hardcover)
Copyright © 2021, SAS Institute Inc., Cary, NC, USA ISBN 978-1-953329-16-5 (Paperback)

Other Requirements: Access to SAS windowing environment and to SAS Studio. Students will also need to bring a thumb drive to each class.

COURSE DESCRIPTION:
The course is a test preparation document that uses the following environments and products:

- **SAS Certification Prep Guide [PG]: Base Programming for SAS®9**
- **Learning SAS [LS] by Example – A Programmer's Guide**
- **Getting Started with SAS Programming: Using SAS Studio in the Cloud [CLD]**

OBJECTIVES: To Prepare for Certification in SAS Base Programming for SAS ®***9***

LEARNING GOALS:
General Learning Goals:
Upon successful completion of this course, the student should have a fundamental understanding of SAS Base Programming

Course Specific Learning Goals:
Learn how to import data, create and modify SAS data sets
Learn how to identify and correct data syntax and programming logic errors.
Learn to Produce Descriptive Statistics and Create Reports
Learn to use Functions to Manipulate Data
Assessment:
Quizzes found in the Prep Guide will be used to assess attainment of learning goals.
Programs from Learning SAS

Information about SAS Certification

Taking SAS certification exams help you validate your skills and increase your value to an employer. You can choose SAS certifications across many subjects, including programming, data management, and analytics, to name a few. For more information on SAS certification go here: https://www.sas.com/en_us/certification.html.

All students, teachers, professors or staff associated with an academic institution qualify for **50% discount** on all SAS certification exams. Please contact certification@sas.com to receive the discount code that will reduce the exam fee by 50% during the registration process.

Resources for Learning SAS

SAS Certification Prep Guides: https://www.sas.com/store/books/categories/certification-guide/cBooks-cbooks_categories-cbooks_categories_12-p1.html

Visit SAS Communities Visit our online sites to share and connect with other SAS users and build your SAS skills. Don't miss key communities including: SAS Certification, SAS Training, SAS Academy for Data Science, SAS Programming, New SAS User, SAS Analytics U and SAS Viya for Learners. https://communities.sas.com/t5/Learn-SAS/ct-p/learn

COURSE POLICIES:

A. Attendance Policy:

Students are expected to attend all class meetings for this course.

B. Other Related Policies

GRADING and EVALUATIONS:

A student's grade are based on the following:

Grade Breakdown	%	Points
Individual Chapter Quizzes [PG]	20%	200
(Average Score – Chaps 1-16)		
Comprehensive Chapter Exams [PG]	20%	200
Exam I Chapters 01-08 [PG]		
Exam II Chapters 09-16 [PG]		
Chapter Programs	30%	300
Part II – Chapters 03-13 [LS]		
Part III – Chapters 14-20 [LS]		
Chapter Programs	30%	300
Part II – Chapters 07-20 [CLD]		

GRADE EVALUATION:

Quizzes:

The **SAS** Prep Guide [PG] has a multiple choice quiz at the end of each chapter. Students will take the individual Chapter quizzes online through D2L, with quizzes monitored through RESPONDUS. Each individual chapter quiz can be taken two times with each chapter quiz grade based on the top score. Students are responsible for taking all 16 quizzes.

Exams: Two online comprehensive exams, monitored through RESPONDUS, will be given throughout the semester. The first exam consists of a random sample of 50 MC questions from Chapters 1-8 of the Prep Guide; the second exam will consist of a random sample of 50 MC questions from Chapters 9-16 of the Prep Guide. For online exams, students will need to have access to a modem.

SAS Programs: Students are required to run all programs from Parts II and III from Learning SAS [LS] and Part II from SAS Programming.

Your grade will be determined as a percent of questions answered correctly: A (Above 90%), B (80-89), C (70-79), D (60-69), F (below 60).

Requirements and Details

Exam Objectives and Updates to This Book

The current exam objectives and a list of any updates to this book are available at www.sas.com/certify. Exam objectives are subject to change.

Registering for the Exam

It is the student's responsibility to register for the SAS Base Programming SAS®9 exam.
See the SAS Global Certification website at www.sas.com/certify.

SAS PREP QUIDE [PG]

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Learning SAS® by Example - A Programmer's Guide

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