

SYRACUSE UNIVERSITY
INDEPENDENT STUDY DEGREE PROGRAM
ISA 226
Introduction to Statistics II

INSTRUCTOR: L. J. Lardy
Office Phone (315) 443-1489
Home (315) 682-8623
Message (315) 443-1471
e-mail ljlardy@syr.edu
ljlardy@peoplepc.com
FAX (315) 443-1475

PREREQUISITE: ISA 225 or equivalent.

REQUIRED TEXT: Introduction to the Practice of Statistics, 4th Edition,
David S. Moore & George P. McCabe, W. H. Freeman & Co.

RECOMMENDED TEXT: Study Guide for Moore & McCabe's Introduction to the
Practice of Statistics, Notz & Fligner, W. H. Freeman

REQUIRED CALCULATOR: TI 83 or TI-84 with screen capture software and cable.

COURSE DESCRIPTION: This is the second of the two-course statistics sequence ISA 225 and ISA 226. ISA 225 covers Chapters 1-5 and Sections 6.1 and 6.2 of the textbook. ISA 226 covers most of Chapters 6-13. ISA 225 is a prerequisite for ISA 226.

COURSE FORMAT: Each week you will receive from me an e-mail of lecture notes, in the form of a *pdf* file, on the material covered that week. After reading the textbook and the notes, you will work a group of practice problems and then a group of problems that will be graded. The problems will be listed in the lecture notes. The practice problems will be odd numbered problems that have answers given in the back of the textbook. Your solutions of the graded problems should be presented in a MS WORD document and sent as an e-mail attachment. The Study Guide gives key steps in the solution of the odd numbered problems. Typically, for each graded exercise, a related practice exercise has been assigned. At the specified dates, e-mail your solutions of the graded exercises to me at the syr.edu address for grading.

GRADES: Your scores on the graded exercises and the examinations will determine your course grade. Scores on the graded exercises that are submitted late will be docked. There will be two exams. Exam I covers Chapters 6, 7 and 8. Exam II covers Chapters 9, 10, 11, 12 and 13. The exercise grade will determine 34% of your course grade and each Exam will determine 33% of your course grade. The exact schedule will be worked out during the residence, but Exam I will be probably given on a Saturday in early March and Exam II will be given on a Saturday in early May. Sample exams will be sent in advance of each exam. View the sample exam as simply one possible exam with the understanding that your actual exam will be different. However, exam problems will be similar to the assigned problems. The exams are open book (but not open notes) and you may use the TI calculator and the calculator manual.