

MEETING TIMES AND PLACES:

W F : 02:30P - 03:20P in 107 Agricultural Science & Industries. ;
 M : 02:30P - 03:20P in 112 Boucke.

TAUGHT BY:

Min Hee Kim, 330B Thomas Bldg, mzk132@psu.edu, 814-863-0692

OFFICE HOURS: W 11:00A - 12:00P, F 10:00A - 12:00P, or by appointment.

TEACHING ASSISTANT:

Jingyuan Liu, 316 Thomas Bldg, jul221@psu.edu, 814-321-7556

OFFICE HOURS: W 3:30P - 5:30P.

TEXT:

We will use the lecture notes by Dr. Akritas (Fall 2009 edition only). The Fall 2009 edition is available at the Penn State Book Store, and at the Student Book Store.

COURSE OBJECTIVE: To familiarize students with the basic concepts and ideas of statistics and probability. To provide training in the use of statistical methods and graphics for the analysis and presentation of data encountered in the sciences and engineering.

SUMMARY OF COURSE REQUIREMENTS: Requirements for the course include attendance quiz, in-class quizzes, homework, lab activities, and a final exam.

Attendance Quiz	5%
Quizzes	30%
Homework (including lab activities)	40%
Final Exam	25%

GRADES (Tentative Plan): The following lower bounds for letter grades may be decreased if necessary but won't be increased:

F	D	C	C+	B-	B	B+	A-	A
0-59.9	60-69.9	70-74.9	75-77.9	78-81.9	82-84.9	85-87.9	88-91.9	92-100

ATTENDANCE QUIZ: There will be 5 attendance quizzes on randomly selected 5 classes. It will take less than 5 minutes.

QUIZZES: Two quizzes will be given during class time. The quizzes will be based on the following chapters:

- Quiz 1: Chapters 1, 2, 3 and sections 4.1-4.4 of Chapter 4.
- Quiz 2: Sections 4.5-4.9 of Chapter 4 and Chapters 5, 6, 7 and 8.

Each quiz will be given following the completion of the material it covers, after the homework from this material has been graded and returned to you. (See below for the homework policy.) The precise dates will be announced, and posted on the Angel homepage. Two double-sided sheets of notes are permitted for each quiz.

If, due to sickness, family emergency, team obligations etc, you need to miss a quiz, you should contact me BEFORE the quiz date in order to make alternate arrangements. There will be no make-up quizzes for those who miss a quiz without pre-notification, and a zero grade will be assigned for that quiz. Solutions to quiz problems will be posted on Angel.

HOMEWORK: The homework will be announced in class and displayed on the Angel homepage. Unless otherwise specified, the homework will be due at the beginning of the class of the first Friday AFTER completing the discussion of the material it covers. If, due to sickness, family emergencies etc, you need to miss class when homework is due, please notify me BEFORE the due date to make alternate arrangements for turning in your homework. To avoid grading and recording errors, problems must be handed in the SAME ORDER as the order they are assigned. Solutions for each homework assignment will be posted on Angel.

COMPUTING (LAB) ASSIGNMENTS: We will have 8 or 9 lab sessions. Their purpose is to reinforce statistical and probabilistic concepts, and to provide hands-on experience in computer-based data analysis. Each lab session will be followed by a lab assignment the due date of which may be different from that of any homework. In this course we will use the statistical package Minitab. To use the personal computers on campus, you must obtain an Access Account. Students who are registered for one or more credits are automatically assigned an Access Account. To request activation of the account, students must present a Penn State photo ID to CAC staff at 12 Willard Building, 215 Computer Building, 230 Computer Building or any CAC lab in which a lab attendant is on duty. Normally the account is ready within 24 hours.

FINAL EXAM: The final exam will be comprehensive. Because of this it will be open book and open notes.

SICKNESS AND COMPASSIONATE WAIVERS: As described under Quizzes and Homework.

ACADEMIC INTEGRITY: The University policy on academic integrity, covering cheating, plagiarizing, and other acts of academic dishonesty, given in Section 49-20 of the Student Guide on Policies and Rules of the University, will be adhered to in this course.

POLICY FOR CLASSROOM USE: All food and drink (except bottled water) is disallowed from classrooms. See <http://guru.psu.edu/policies/AD62.html> for more details.

SPECIAL FLU POLICIES and PROCEDURES: Special Fall 2009 Flu Protocols -In compliance with Pennsylvania Department of Health and Centers for Disease Control recommendations, students should NOT attend class or any public gatherings while ill with influenza. Students with flu symptoms will be asked to leave campus if possible and to return home during recovery. The illness and self-isolation period will usually be about a week. It is very important that individuals avoid spreading the flu to others.