Fall 2015 MATH 627 - Probability

Theory of probability and probability distributions, probability limit theorems and their broad range of applications.

CLASS HOURS: TR 2:30 – 3:45 p.m., Room 454 Snow Hall

INSTRUCTOR: Bozenna Pasik-Duncan, Ph.D, D.Sc. (Habilitation)  
Professor of Mathematics and Courtesy Professor of AE & EECS

OFFICE: 503 Snow. OFFICE HOURS: TR 9:30 – 10:30 a.m.

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TEXTBOOK: Probability and Statistical Inference, Hogg/Tanis/Zimmerman, 9th Ed.

Chapters 1 through 6 with the selected sections will be covered.

CLASS PROCEDURES AND GRADING:

LECTURES: Members of the class are expected to attend the lectures, which will be used to explain new material, to work typical examples and to answer some questions.

HOMEWORK: Homework assignments (12 of them) will be given weekly on Thursdays. Assignments will be collected at the beginning of the lectures on the following Thursday. Late HW won’t be accepted.

EXAMINATIONS (there will be no make-up exams):

EXAM I (in-class – 45 minutes): Thursday, October 1

EXAM II (take-home): Tuesday, October 27 with turn in on Thursday, October 29

EXAM III (in-class – 45 minutes): Tuesday, November 17

GRADING SYSTEM:  
A maximum of 500 points (100%) can be accumulated as follows:  
Exam I = 100 pts. (20%), Exam II = 100 pts (20%), Exam III = 100 pts (20%), Homework = 50 pts (10%), Attendance & Participation = 50 pts (10%), Final Exam/Project = 100 pts (20%)

Extra Credit (in class workshops & written reports from extra lectures) = up to 35 pts. (7%)

CHANGES: The instructor reserves the right to modify the schedule announced in this bulletin if the conditions arise during the semester which make such changes desirable.