Course Information Sheet  
MATH 3080, Section 1  
Applied Probability II, Spring 2019

Instructor: Jyothsna Sainath  
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Class Hours: MW 10:45 AM - 11:35 AM, AEB 350  
Office Hours: MW 11:45 AM - 12:45 PM, or by appointment.


Description: This course is meant to cover some advanced statistical procedures. These include:

1. Two sample tests  
2. Analysis of variance  
3. Linear models  
4. Non-parametric statistics

Home Work: There will be a homework every week. Late work will not be accepted. Two of the lowest HW scores will be dropped at the end of the semester.

Exams: There will be a mid term, and a comprehensive final exam. The mid term will be on Wednesday, 6th March in class and the final exam on Monday, April 29th, 2019 from 10:30 am to 12:30 pm. All exams will only be given at the scheduled time. Students are expected to arrange personal work around the announced dates. Please come by and talk to the instructor, ONLY in the event of the most extenuating of circumstances or in the event of a university-approved reason for absence.

Lab: There is a required computer lab for this course where you will be learning how to use R, a programming language which is primarily used for statistics. The lab meets for two hours each week, during which you will work through statistical exercises using R. Failing the lab (as per the lab syllabus) implies failing MATH 3080 with a grade of E.

Group Project: The details pertaining to the group project will be given later in the course. The projects will include a thorough write-up and a 20 minute presentation. These presentations will be held during the last two weeks of classes. A schedule of presentations will be provided as we progress through the course.

Grading: The minimum scores to guarantee a certain grade are: 90 for an A, 80 for a B, 70 for a C and so on. This is a rough guide and may be subject to change. The break up of points on this course is as follows:

   Homework 20%  
   Lab: 10 %  
   Mid Term exam: 20 %  
   Final exam: 30%  
   Group Project: 20%

ADA Statement: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability and Access, 162 Olpin Union Building, 801 581 5020. CDA will work with you and the instructor to make arrangements for accommodations.

   All written information in this course can be made available in alternative format with prior notification to the Center for Disability and Access.

Tutoring: The Rushing Math Center offers free drop-in tutoring, a computer lab, and study 2 areas for undergraduates. The Rushing Student Center is adjacent to the LCB and JWB. The hours for the Spring semester are: 8 am – 8 pm Monday to Thursday and 8 am – 6 pm on Friday. The tutoring center will open the second week of classes.