

## Applied Statistics I

<b>Meeting Time</b>	MTRF : 1:00-1:50 pm	
<b>Location</b>	FLPH-UPR	
<b>Instructor</b>	Prof. Jian Zou Stratton Hall 102 jzou@wpi.edu	<b>Office Hours</b> TF : 2:00-3:00 pm or by appointment
<b>Teaching Assistants</b>	(i) Binod Manandhar Stratton Hall 204 Desk #3 bmanandhar@wpi.edu	R: 9:00-11:00am or by appointment
	(ii) Dongchen Jiang Stratton Hall 204 Desk #12 djiang@wpi.edu	T 2:30-4:30pm R 9-11am or by appointment
<b>Lab Meeting Times</b>	C01 : Wednesday 8:00-9:50 am	Binod Manandhar
Room: KH 202	C02 : Wednesday 10:00-11:50 am	Binod Manandhar
	C03 : Wednesday 1:00-2:50 pm	Binod Manandhar
	C04 : Wednesday 3:00-4:50 pm	Dongchen Jiang

**Course Web Site:** myWPI (<http://my.wpi.edu/>)

The web site is the main platform through which this course will be managed. It contains the syllabus (this document), slides and lecture notes, examples for quizzes and exams, announcements, and other course materials. You are responsible for knowing the information in the materials that appear there.

**WeBWorK:** (<https://webwork.wpi.edu/webwork2/MA2611C15/>)

WeBWorK is a web-based collection of programs for on-line administration and submission of student work. In this course, all homework will be done through WeBWorK. WeBWorK provides immediate feedback to students and gives them the opportunity to correct mistakes during the process. To log in, use your WPI username and either your Windows or UNIX password. (Note: Some browsers may warn you that this WeBWork site has difficulties with its security certificate. You may safely ignore this warning.)

- **Kaven Hall 202** - ONLY during the lab times.
- **Stratton Hall 003** - ONLY when it is not used for class. If it is available but locked, check with Rhonda, Ellen, Debbie in the math-office, or Mike (SH 207) for the keys.

## Labs

You are required to attend labs at **Kaven Hall 202** on Wednesday, according to the section for which you are registered. In lab, students will work on problems related to the material being covered in class. In every lab, you should turn in your lab report to the TA who will grade your report and return it to you in the next lab of coming week.

### Lab Attendance and Policies:

- **Go to the right section.** You must attend the section you are registered for. You will get no credit for your work if you attend a different section.
- **Be on time.** You must be on time for Labs.
- **Be prepared.** You must come prepared to Lab, having attended the lectures and digested the relevant materials before the labs.
- **No makeups.** You will not be permitted to make up any Labs that you missed, regardless of the reason.

### **Your worst lab grade will be dropped in calculating your final score.**

In reality, data analysis almost always rely on computing software. Many people use a spreadsheet, usually Microsoft Excel, for statistical calculations. I do not advise it for scientific work, and since I hope you aspire to scientific standards, I don't recommend it for this course. See <http://www.practicalstats.com/xlsstats/excelstats.html> for an enlightening discussion.

This is a good choice for anyone going on to more advanced statistics courses. One of the most comprehensive and widely-used statistics programs is R, which is available freely.

- To download and install R: <http://www.r-project.org>.
- A comprehensive R tutorial: <http://cran.r-project.org/doc/manuals/R-intro.html>.
- We will learn R in the Lab works. Sample R codes will be provided for you to get started.

## Grade

Source	Percentage
Labs	20%
Homework	10%
Quizzes	30%
Exam 1	20%
Final	20%
Total	100%

### Temporary final grade distribution:

A : [90 - 100]; B : [75 - 90); C : [60 - 75); NR : below 60.

The instructor reserves the right to modify the grading criteria, but not so as to lower the grade a student would have gotten under the criteria stated above.

## Academic Honesty

Each student is expected to familiarize himself/herself with WPI's Academic Honesty policies which can be found at (<http://www.wpi.edu/offices/policies/honesty>). All acts of fabrication, plagiarism, cheating, and facilitation will be prosecuted according to the university's policy. If you are ever unsure as to whether your intended actions are considered academically honest or not, please see me.

## Students with Disabilities

Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Disability Services Office (DSO) as soon as possible to ensure that such accommodations are implemented in a timely fashion. The DSO is located in the Student Development and Counseling Center and the phone number is 508-831-4908, e-mail is DSO@WPI.EDU (Reference : **Aaron Ferguson**, Director of Disability Services). If you are eligible for course adaptations or accommodations because of a disability (whether or not you choose to use these accommodations), or if you have medical information that I should know about please make an appointment with me immediately.

## Ground Rules

- Be courteous/respectful in class.
- E-mail etiquette - proper addressing/signature.
- Always send e-mails from your wpi e-mail account. E-mails sent from other accounts (gmail, yahoo etc.) may be filtered out.
- No open stuff from other class during lecture.
- If you have to use laptop in the class, do not do anything irrelevant to the lecture.