

# Stat/Math 414.1: Introduction to Probability Theory Spring, 2008

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Office Hours: M 10:00am-11:00am,  
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or by appointment

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Office Hours: R 11:30am-01:30pm

**Lecture:** MWF 09:05am-09:55am, 201 Thomas Building

**Web Page:** <http://www.stat.psu.edu/~buk126/sp08/stat414.1/stat414.html>

**Required Text:** *Mathematical Statistics with Applications (6<sup>th</sup> Edition)*,  
by Dennis D. Wackerly, William Mendenhall III, Richard L. Scheaffer

**Course Coverage:** Most sections from Chapters 1 through 7 will be covered.

**Required Work:** The required work for the course will consist of weekly homework assignments, 2 in class midterms and a final exam.

**Grading:** The final course grades will be based upon:

Homework,	20 %	(due every Friday before class)
1 <sup>st</sup> Midterm,	20 %	(tentative date: Friday, Feb. 15 <sup>th</sup> )
2 <sup>nd</sup> Midterm,	25 %	(tentative date: Friday, Mar. 28 <sup>th</sup> )
Final,	30 %	(comprehensive, TBA)
Attendance,	5 %	

The lower cut-off points for the grades are:

F	D	C	C+	B-	B	B+	A-	A
0	58	65	70	75	80	85	90	94

**Note:** Attendance grade will be assessed via random in class quizzes. Attendance is not required. However, it is beneficial and highly encouraged.

## Course Policies:

- (1) There will be weekly homework assignments. **Homework is due every Friday in class before lecture. No late homework is accepted.** The homework can be discussed with your fellow classmates but you have to turn in your own work. Your work will be evaluated on the method of solution and the ability to apply concepts, rather than the numeric answer to the problem. As the numeric answers

- to some homework questions may be found at the end of the book, you will not receive credit unless you show your work.
- (2) Both the midterm and final exams are closed-book and in class, but you are allowed to bring one, 8.5x11(letter size) double-sided formula sheet with only handwritings on it.
  - (3) If you have a **university-approved conflict** with any of the exams, you must let me know **at least** one week before the exam. A conflict exam will be scheduled to take place just before or just after the regularly scheduled exam.
  - (4) **No make-up exams will be given.** However, in the rare case of serious illness, injury, or death in the family, the points for the missed exam may be regained by a different weighting of the other exams.
  - (5) Students are **responsible** for all announcements and supplements given within any lecture and/or in course webpage.

**Add & Drop:** Monday – Wednesday, January 14 - 23.

**Conflict:** Final Exam conflict filing period is February 18 - March 2.

**Late Drop:** Last date for late drop is scheduled Friday April 11.

**Integrity:** All Penn State and Eberly College of Science policies regarding academic integrity apply to this course.  
See <http://www.science.psu.edu/academic/Integrity/index.html> for details.