

**THEORY OF PROBABILITY:  
MATH 464: SECTION 001  
TU & TH 9:30-10:45 AM IN CHVEZ, ROOM 304**

SYLLABUS: SPRING 2016

<b>Instructor:</b>	<b>Office:</b>	<b>Office Hours:</b>	<b>Phone:</b>
Robert Sims	ENR2 S346	Tues. 2 - 3 pm Wed. 2 - 3 pm	626-1990

My e-mail address is: rsims@math.arizona.edu

**1. Textbook:**

The textbook for this course is:  
*Probability: An Introduction* (2nd edition) by Geoffrey Grimmett and Dominic Welsh.

**2. Material to be Covered:**

My goal is to cover most of Chapters 1-8. We will see what happens  
. . .

**3. Grading Policy:**

Your grade will consist of homework, two in-class exams, and a final.

<b>Item</b>	<b>Weight</b>
Homework	20%
Exam 1	20%
Exam 2	20%
Final Exam	40%

An overall course average of 90% or better will be an A, 80% or better will be at least a B, 70% or better will be at least a C, and 60% or better will be at least a D.

**4. Attendance:**

Attendance and class participation are mandatory. You are responsible for any information given in class or posted on the class homepage. Notify the instructor in advance if you must miss class, arrive late to

class, or leave early from class. You are expected to behave in accordance with the UA Student Code of Conduct at <http://dos.web.arizona.edu/uapolicies>.

### 5. Homework:

Homework is the most important part of the course. The only way to learn mathematics is by doing it. Homework assignments will be posted on the web as a pdf file. You should feel free to work together on the homework. I encourage this, provided you are truly working on it together. Just watching someone else do it and then copying the answers will almost surely lead to a disaster when you take the exams.

*Homework grading:* Homework will be assigned almost every week. It will typically be assigned on Thursday and due the following Thursday at the start of class. No late homework will be accepted. Your lowest two homework scores will be dropped. If you do not turn in a homework for any reason including illness, it counts as one of your two dropped homeworks.

### 6. In-class exams:

There will be two in-class exams. Tentatively, I am scheduling these exams for Thursday, February 25th and Thursday, April 14th.

### 7. Final

The final exam will be cumulative. It is scheduled for Tuesday, May 10th from 8:00 until 10:00 am.

### 8. Important Information:

*Students with disabilities:* If you anticipate issues related to the format or requirements of this course, please meet with your instructor to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you be registered with Disability Resources (621-3268; [drc.arizona.edu](http://drc.arizona.edu)). You should notify your instructor of your eligibility for reasonable accommodations by Friday, January 22.

*Students withdrawing from the course:* Undergraduates who withdraw from this course by January 27th, will have no grade awarded. Undergraduates who withdraw from this course between January 28th and March 29th will be awarded the grade W. The University allows late withdrawals after March 29, but only with the Deans signature. Late withdrawals are dealt with on a case by case basis, and requests for late withdrawal may or may not be honored.

*Incompletes:* The grade of I will be awarded if all of the following conditions are met:

1. You have completed all but a small portion of the required work.
2. You have scored at least 50% on the work completed.
3. You have a valid reason for not completing the course on time.
4. You agree to make up the material in a short period of time.
5. You ask for the incomplete before grades are due, 48 hours after the final exam.