



Faculty of Science
DEPARTMENT OF MATHEMATICS AND STATISTICS
Course Information Sheet

1. Course:	STAT407	Winter 04
Lecture/Time/Session:	L01/MWF/09:00 T01/R/09:00	Room: ST126 Room: MS427
Instructor:	Dr. E. Enns	
Office:	MS 548	Phone: 220-6303
TA	L.Shi	Room: ENA235
Office	MS334	Phone: 220-5046
	T02/R/09:00	

2. Prerequisites: Math321
Text: *Introduction to Probability Models, 8th edition, S. M. Ross.*

NOTE: The Faculty of Science policy on pre- and co-requisite checking is outlined on page 198 of the 2003-2004 Calendar. **It is the students' responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**

3. **Fee policy:** After the last day to drop/add courses, there will be no refund of tuition fees if a student withdraws from a course, courses or the session.
4. **The University policy on grading and related matters** is described on pages 41-42 of the 2003-2004 Calendar. In determining the overall grade in the course, the following weights will be used:

Assignments	[2]	20%
Quizzes	[best 3 of 4]	30%
Final Exam		50%

There will be a final examination scheduled by the Registrar's Office.

5. **Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined on page 199, of the 2003-2004 Calendar. It is the student's responsibility to familiarize herself/himself with these regulations.
6. **Academic misconduct** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the 2003-2004 University Calendar under the heading "Student Misconduct", pages 53-56.

7. ***There will be no out-of-class-time activities.***

Department approval: _____ Date: _____

Statistics 407

Winter 04

The text we will use is by S.M. Ross, Introduction to Probability Models, 8th edition.

Topics (We will do parts of the following)

- Random Variables, chapter 2. Most of this will be a review.
- Conditional Expectation, chapter 3.
- Markov Chains, chapter 4
- Exponential Distribution and the Poisson Process, chapter 5
- Queueing theory, chapter 8
- Brownian Motion, chapter 10
- Simulation, chapter 11

This course assumes you have good calculus skills.

There will be 4 quizzes, of which I will count the best three.

Quizzes will be in the tutorials on Thursday, February 5, February 26, March 18 and April 8.

There will be two assignments handed out in class with approximately two week due dates.

E.G.Enns
January 2004