

Syllabus

Instructor: Dr. Jay H. Beder EMS E485 (229-)5280 beder@uwm.edu
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Office hours: Tues., Thurs., 3:30-5:00, and by appointment.

Prerequisites: Junior standing; Math 211 or 232

Text: Jay Devore and Kenneth Berk, *Modern Mathematical Statistics with Applications*, Thomson Brooks/Cole, 2006. **Please bring it to class.**

Coverage: Chapters 1-9,12 and selections from the rest.

Course description: This course is aimed at students in secondary education in mathematics, and more broadly at students in the social sciences. It will provide an introduction to the basic ideas of probability and statistics, and to the use of a statistical computer package (MINITAB).

Exam policy: Exams and quizzes are open-book, open-notes, calculators permitted. There are no makeups, except for medical emergencies. Please see me in advance if you need special arrangements due to religious observance.

The Final Exam is Friday, May 18, 12:30-2:30.

Homework and Quizzes: On each of the dates labeled Q in the calendar below I will either give you a short quiz or collect several randomly chosen homework problems based on the recently completed material. Thus you should do the homework problems neatly enough to be handed in. (**See handout**, "Communicating Mathematics through Homework" from Harvey Mudd College.) **Homework must be done independently.**

A number of exercises need to be done with computer assistance, and I will give you some guidance in using MINITAB, which is available in all campus computer labs as well as the Math Department's lab. (An inexpensive student version is also available.) I will have more information about this on my webpage.

Grading: midterm 1 = 50 points; midterm 2 = midterm 3 = homeworks/quizzes = 100 points; Final = 200 points. The lowest homework/quiz will be dropped.

Disabilities: If you are a student with a disability, please feel free to contact me early in the semester for any help or accommodations which you may need.

Email: I maintain an email "reflector" (address list) so that I can send announcements to the whole class. You should **check your email daily**.

The reflector contains the addresses of your UWM accounts. If you typically use some other email provider (e.g., AOL, gmail), you may have your email forwarded there automatically. Go to <http://www.uwm.edu/IMT> and follow the link to student information.

When you do this, please **send yourself an email (@uwm.edu)** to test the forwarding. If your mail bounces back, you may have entered the forwarding address incorrectly. Just repeat the above carefully.

I will be happy to email grade information to individuals on request. Since email is not entirely secure – especially if you share your account with others – I will leave it to you to decide whether I can email you this information. I will only do so on request, and I will take your request to mean that you accept responsibility for privacy.

Deadlines: Please note the deadlines in the schedule below. **Students should use PAWS through March 16 to drop full semester courses.** For full information, see the Schedule of Classes.

Add = deadline to add or to change status (e.g., to audit).

Drop #1 = deadline to drop/withdraw with no notation on your transcript.

Drop #2 = last day to drop/withdraw.

Q = quiz/homework; M = midterm

Week of Mon.	Monday	Tuesday	Wednesday	Thursday	Friday
Jan. 22					
29			Q1		Add
Feb. 5			Q2		
12			M1		Drop #1
19			Q3		
26			Q4		
Mar. 5					
12	M2				Drop #2
19 Spring Break				
26			Q5		
Apr. 3			Q6		
10			Q7		
17			M3		
24			Q8		
Apr. 30					
May 7	Q9			
14					Final

Academic misconduct: The University has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Further information may be found at www.uwm.edu/Dept/Acad_Aff/policy/academicmisconduct.html.

Note that helping someone cheat is as serious as cheating.

Sexual harassment: Sexual harassment is reprehensible and will not be tolerated by the University. It subverts the mission of the University and threatens the careers, educational experience, and well-being of students, faculty and staff. The University will not tolerate behavior between or among members of the University community which creates an unacceptable working environment.