

## MPM 402 (Medical Statistics I); MTuWThF 8-10 AM; 203 Surge IV

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NOTE: Unless specified otherwise, readings are found in Biostatistics: A Foundation for Analysis in the Health Sciences, Seventh Edition by Wayne W. Daniel

August 7 Lecture (2 hours)	Descriptive Methods (pages 1-12; 15-50)
August 8 Lecture (1 hour)	Descriptive Methods
August 9 Laboratory (2 hours)	Descriptive Methods
August 10 Lecture (2 hours)	Probability (pages 57-76)
August 11 Lecture (1 hour)	Probability
August 14 Laboratory (2 hours)	Probability
August 15 Lecture (2 hours)	Binomial, Poisson and Normal Distribution (pages 83-120)
August 16 Lecture (1 hour)	Binomial, Poisson and Normal Distributions

### **August 17 Examination (2 hours); out of class assignment on Binomial, Poisson and Normal Distributions**

August 18 Lecture (2 hours)	Sampling Distributions (pages 124-146)
August 21 Lecture (1 hour)	Sampling Distributions
August 22 Laboratory (2 hours)	Sampling Distributions
August 23 Lecture (2 hours)	Parameter Estimation (pages 150-184)
August 24 Lecture (2 hours)	Parameter Estimation (pages 185-195)

### **August 25 Examination (2 hours); out of class assignment on Parameter Estimation**

August 28 Lecture (2 hours)	Hypothesis Testing (pages 204-227)
August 29 Lecture (2 hours)	Hypothesis Testing (pages 228-271)
August 30 Laboratory (2 hours)	Hypothesis Testing
August 31 Lecture (2 hours)	Chi-Square Tests (pages 571-623)
September 1 Lecture (1 hour)	Chi-Square Tests

### **September 5 Examination (2 hours)**

September 6 Laboratory (2 hours)	Chi-Square Tests
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September 7 Lecture (2 hours) Nonparametric and Distribution-Free Statistics (pages 658-683);  
**out of class assignment on Nonparametric and Distribution-Free Statistics**

September 8 Lecture (2 hours)	Life Tables (Dr. Thurmond in charge)(pages 625-636)
September 11 Laboratory (2 hours)	Life Tables (Dr. Thurmond in charge)

September 12 Lecture (2 hours)	Simple Linear Regression (pages 400-413)
September 13 Lecture (2 hours)	Simple Linear Regression (pages 413-447)
September 14 Laboratory (2 hours)	Simple Linear Regression

## September 15 Final Examination (2 hours)

Exam Policy: open book; calculators are permitted.  
time limit: **2 hours. (This limit must be observed.** We will endeavor to keep the exams short. In the event that an exam is too long for the allowed time, don't panic but complete what you can in the time allowed; we will make an adjustment for an obviously long exam.)

Independent Work Policy: Unless a home work assignment, project or examination is explicitly designated as “a group home work assignment, a group project or a group examination,” it is assumed that the student will do her/his own independent work.

Weights for final grade determination:

Exam 1	20%
Exam 2	20%
Exam 3	20%
Exam 4	20%
Home Work	20%
Total	100%

Grade Scale:

A 91.5%-100%	A- 89.5%-91.4%	
B+ 86.5%-89.4%	B 79.5%-86.4%	B- 77.5%-79.4%
C+ 74.5%-77.4%	C 69.5%-74.4%	C- 64.5%-69.4%
D+ 59.5%-64.4%	D 54.5%-59.4%	D- 49.5%-54.4%
F below 49.5%		