



**Math 120 – Intro to Statistics  
Course #18743 (4 units)  
Course Syllabus Winter 2008**

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**Instructor:** Stephen Toner  
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**Class Hours:** MTWTh: 11:20am–2:30 pm  
**Room:** bldg. 30 (Liberal Arts), room 10  
**Office:** bldg. 30, office U  
**Our MathZone Section Code is:** 8EF-E8-605.

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Winter Calendar:   Jan 2       Classes Begin  
                          Jan 21       Martin Luther King Jr. Holiday  
                          Jan 25       Last day to drop and receive a “W” grade  
                          Feb 7        Last Day of Class

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**Prerequisite:** Math 90 with a grade of "C" or better, or eligibility as determined by placement on the VVC assessment exam. **Be sure that you meet this requirement.**

**Required Textbook:** *Elementary Statistics, 6/e*, by Bluman.

**Calculators:** A calculator will be required for all exams. The TI-83+, TI-84 or TI-89 are the most appropriate for this course. You will be taught how to use the various features, demonstrated primarily on the TI-83+.

**Course Description:** This course covers basic statistical techniques, including design and analysis for both parametric and non-parametric data. Descriptive statistics included are measures of central tendency and measures of dispersion. Graphical techniques of illustrating data are covered. Probability and its application to inferential statistical procedures is covered. Inferential statistics included are estimation and hypothesis testing, chi-square, analysis of variance and regression. Applications are drawn from a variety of fields.

**You are required to attend class every day.** After 4 hours of absence, you **may be dropped** from this class. It is **your responsibility** to keep your enrollment status current. You risk an “F” if you stop attending without officially withdrawing. Do not bring friends or children to class. **Please turn off any cell phones or pagers during class time (or switch them to silent mode).** No cell phones will be allowed on your desk during exams.

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**Homework Policy:** Practice is essential. I expect you to be *able* to do all of the odd exercises in your text unless directed otherwise. Homework will not be collected, however.

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**Grading Policies:** Grades will be based on all unit tests (200 point each) and a written project (100 points). Any exam not taken will be regarded as a zero. Students are expected to complete all exams during class on the dates and times scheduled. **No make-up or re-take exams will be given, without exception.**

A **one-page, front-side-only, hand-written, (not photocopied) “cheat sheet”** may be used for each exam. This cheat sheet will be submitted along with the exam, at the completion of the exam.

**Grading Scale:** A=90% or above;   B=80%-89.9%;   C=70%-79.9%;   D=65%-69.9%;   F=below 65%

## Tentative Class Schedule

An effort will be made to adhere as closely as possible to this schedule. If we can ever “get ahead” of the pace, we will take the opportunity to do so, just in case we need extra time on other material, later in the course. Test dates are **fixed**, however. They will not change, regardless of our progress through the course.

Sections to be Covered In Class			Sections to be Covered In Class		
			M	1/21	No School – Martin Luther King Jr. Holiday
			T	1/22	Review, <a href="#">Test Chapters 4-6</a>
W	1/2	Introduction, Chapter 1	W	1/23	7.1-7.4, review (skip 7.5)
Th	1/3	Chapter 2, Sample Bias	Th	1/24	8.1 – 8.5
M	1/7	3.1, 3.2, 3.3, calculator intro	M	1/28	9.1, 9.2, 9.4, 9.5 (skip 8.6, 8.7, 9.3)
T	1/8	3.4, 3.5 more calculator	T	1/29	9.6, 10.1 – 10.4
W	1/9	Chapter 4A	W	1/30	Review, assign project
Th	1/10	Chapter 4B	Th	1/31	<a href="#">Test Chapters 7 - 10</a>
M	1/14	<a href="#">Test Chapters 1-3</a>	M	2/4	Chapter 11
T	1/15	Chapter 5A	T	2/5	12.1 – 12.3, 13.1 – 13.3
W	1/16	Chapter 5B, Chapter 6A	W	2/6	13.4 – 13.6
Th	1/17	Chapter 6B	Th	2/7	<a href="#">Test Chapters 11-13</a>

**Attendance Policy:** *Class attendance is not a measure of performance or proficiency. Whether a student is just physically present in the class is not a valid basis for grading. Reference Title 5 Section 55002 of the California Code of Regulations: (A) Grading Policy. The course provides for measurement of student performance in terms of stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55758 of this Division. The grade is based on demonstrated proficiency in the subject matter and the ability to demonstrate that proficiency, at least in part, by means of written expression that may include essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.*