



**Math 120**  
**Intro to Statistics**  
**Course #25515 (4 units)**  
**Course Syllabus**  
**Summer 2009**

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**Instructor:** Stephen Toner

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**email:** [toners@vvc.edu](mailto:toners@vvc.edu) (Include your name in subject line)

**VVC voicemail:** 245-4271 ext. 2770

**Class Hours:** MTWTh: 10:50 am – 1:30 pm

**Room:** bldg. 21 (ATC), room 155

**Office:** bldg. 30, office U

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Summer Calendar:	June 22	Classes Begin
	July 16	Last day to drop and receive a "W" grade
	July 30	Last Day of Class

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**Recommended Textbook:** Elementary Statistics, 7/e, by Bluman. If purchased at the VVC Rams bookstore, this will include the online access to MathZone, the online companion site. You can also elect to go to [www.mhhe.com/math/mathzone](http://www.mhhe.com/math/mathzone) and purchase online access for \$40.00. Mathzone contains practice materials and video lectures by the publisher. Our MathZone Section Code is: **798-86-9C3**. Click on "Self Study".

**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.

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**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 or mp3 players will be allowed on your desk during exams.

**Homework Policy:** Homework will not be collected in this class. However, you will be responsible for all reading assignments and a project.

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**Grading Policies:** Grades will be based on all unit tests (100 points each) and a project (50 points). Any test 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, pre-take, 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.

		<b>Sections to be Covered In Class</b>			<b>Sections to be Covered In Class</b>	
M	6/22	Introduction, Chapter 1a, Chapter 14A		M	7/13	Chapter 7
T	6/23	Chapter 1b, 2a, Sample Bias		T	7/14	Chapter 8a
W	6/24	Chapter 2b, 3a, calculator intro		W	7/15	Chapter 8b – 9a
Th	6/25	Chapter 3b, more calculator training		Th	7/16	Chapter 9b
M	6/29	Review, Chapter 4a		M	7/20	<b>Test Chapters 7-9</b> ; assign projects
T	6/30	Review, <b>Test Chapters 1-3</b>		T	7/21	Chapter 10A
W	7/1	Chapter 4b		W	7/22	Chapter 10B
Th	7/2	Chapter 4c, 5a		Th	7/23	Chapter 11
M	7/6	Chapter 5b		M	7/27	Review, Chapter 12
T	7/7	Review, Chapter 6a		T	7/28	Review, Chapter 13A
W	7/8	Chapter 6b		W	7/29	Chapter 13B
Th	7/9	<b>Test Chapters 4-6</b>		Th	7/30	<b>Test Chapters 10-13</b> ; projects due

**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.

**Statement of Access:** Students with special needs are encouraged to meet with instructors to discuss the opportunity for academic accommodation and be referred to disabled student program and services per Administrative Procedure (AP 3440)