

**HCSV 463 Epidemiology Fall 2005\***  
**Department of Health and Community Services, California State University, Chico**  
**Professor Tomita**

Course: HCSV 463	Office Location: Butte 604
TRACS Call #: 2794	Office Hours: T 4-6pm & By Appt.
Class Meeting Times: T 6-8:50pm	Ph. 530-898-4417 / Fax. 530-898-5107
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**Required Course Materials**

1. Timmreck, T. C. (2002). An Introduction to Epidemiology (3rd Ed.). Sudbury , MA : Jones and Bartlett Publishers. ISBN 0-7637-0060-6
2. Course Syllabus ([RTF](#)) (**For printing complete syllabus and learning objectives**)
3. Course Learning Objectives in MS Word Rich Text Format ([RTF](#))
4. (**OPTIONAL**). This course is also on CD-ROM. Its much easier to view the video clips on CD-ROM than online at WebCT. Also, some of the presentation files are very large. If you are using a 56K modem, you should get the CD-ROM. The disc will be distributed the first day of class.
5. [Links Page](#)

**Weekly Lecture Topics and Assignments**

Week	Lessons**	Assignment
1 Aug 23	Course Overview and Introduction Foundations of Epidemiology Practical Disease Concepts in Epidemiology Anthrax  <b>SUBSCRIBE TO WEBCT</b>	Chapter 1 ( <a href="#">PDF</a> ) Chapter 2 ( <a href="#">PDF</a> ) Anthrax Video ( <a href="#">WMV</a> ) History of Bioterrorism- Complete ( <a href="#">WMV</a> )- includes all disease video segments below Learning Objectives Group Worksheet ( <a href="#">RTF</a> )
2 Aug 30	<b>QUIZ 1</b> - 15 points (materials since last quiz) Selected Historical Developments of Epidemiology Plague	Chapter 3 ( <a href="#">PDF</a> ) Plague ( <a href="#">PDF</a> ) Plague Video ( <a href="#">WMV</a> )
3 Sept. 6	<b>QUIZ 2</b> - 15 points (materials since last quiz) Epidemiological Measures of Health Status:Mortality — Rates and Ratios Cholera	Chapter 4 ( <a href="#">PDF</a> )  Cholera ( <a href="#">PDF</a> )
4 Sept. 13	<b>QUIZ 3</b> - 15 points (materials since last quiz) Epi Measures of Health Status: Morbidity-- Rates and Ratios	Chapter 5 ( <a href="#">PDF</a> )

5 Sept. 20	<b>QUIZ 4</b> - 15 points (materials since last quiz) Vital Stats & Health Status Indicator Small Pox	Chapter 6 ( <a href="#">PDF</a> ) Small Pox ( <a href="#">PDF</a> ) Small Pox Video ( <a href="#">WMV</a> )
6 Sept 27	<b>QUIZ 5</b> - 15 points (materials since last quiz) Descriptive Statistics in Epidemiology Tuberculosis Hansen's Disease	Chapter 7 ( <a href="#">PDF</a> ) TB ( <a href="#">PDF</a> ) TB Surveillance ( <a href="#">PDF</a> ) Hansen's ( <a href="#">PDF</a> )
7 Oct. 4	<b>QUIZ 6</b> - 15 points (materials since last quiz) Descriptive Statistics <i>continued</i> Syphilis and STDs	Growth Charts ( <a href="#">PDF</a> ) Obesity Maps ( <a href="#">PDF</a> ) All STDs ( <a href="#">PDF</a> )
8 Oct. 11	<b>QUIZ 7</b> - 15 points (materials from previous week) Research Methods, Study Design, Analytic Studies	Chapter 8 ( <a href="#">PDF</a> )
9 Oct. 18	<b>QUIZ 8</b> - 15 points (materials from previous week) Research Methods <i>continued</i> Dengue Fever/Dengue Hemorrhagic Fever  Influenza	Dengue1 ( <a href="#">PDF</a> ) 2 ( <a href="#">PDF</a> ), 3 ( <a href="#">PDF</a> ) Dengue Brochure- Hawaii ( <a href="#">PDF</a> ) Influenza ( <a href="#">PDF</a> )
10 Oct 25	<b>QUIZ 9</b> - 15 points (materials from previous week) Time, Place, and Person West Nile Tularemia  SARS	Chapter 9 ( <a href="#">PDF</a> ) West Nile ( <a href="#">PDF</a> ) West Nile Video 1 ( <a href="#">RAM</a> ) West Nile Video 2 ( <a href="#">MOV</a> ) Tularemia ( <a href="#">PDF</a> ) Tularemia Video ( <a href="#">WMV</a> ) SARS ( <a href="#">PDF</a> )
11 Nov. 1	<b>Video:</b> Outbreak (with Dustin Hoffman)	
12 Nov. 8	<b>QUIZ 10</b> - 15 points (materials from previous week) Observational Methodology, Association, and Causality Development	Chapter 10 ( <a href="#">PDF</a> ) Epidemiology of Bioterrorism ( <a href="#">PDF</a> ) Public Health Surveillance ( <a href="#">PDF</a> )
13 Nov. 15	<b>QUIZ 11</b> - 15 points (materials from previous week) Developing and Conducting Investigations and Studies	Chapter 11 ( <a href="#">PDF</a> )
Nov 21	<b>Thanksgiving Break- No Class</b>	
14 Nov. 29	<b>QUIZ 12</b> - 15 points (materials from previous week) Behavioral and Chronic Disease Epi	Chapter 12 ( <a href="#">PDF</a> )

15	<b>Meet in Computer Lab-</b> Using EpiInfo 2000	Take Tutorial- Oswego Case
Dec. 6	Course Summary	
<b>Dec. 14</b>	<b>COMPREHENSIVE FINAL EXAM- TAKE HOME</b>	Take Home Exam <b>Due Mon, Dec. 14 9am- Send as WebCT e-mail attachment (Rich Text Format ONLY) to me.</b>

\* This course requires Internet use. Students must access WebCT at least twice per week during the semester.

\*\* Infectious disease and social epidemiology lessons, and videos are integrated into the lectures where appropriate. You are responsible for the materials covered in these topical lessons in infectious disease and social epidemiology, and epidemiology-related movies. Students may be assigned to attend pertinent Grades- Twelve quizzes (15 points each or 180 points); Final Exam=30 points. Total course points= 210; A=93-100%; A-=90-92%; B+=87-89%; B=83-86%; B-=80-82%; C+=77-79%; C=73-76%; C-=70-72%; D+=67-69%; D=63-66%; D-=60-62%; F=<60%.

Revised August 19, 2005