

HCSV 260 Computer Applications in Health Education
 Department of Health and Community Services
 California State University, Chico
 Dr. Mark Tomita

Spring 2008	Office Hours: W 8-11 am, 2-4pm
HCSV 260 Sec. 1	Office Location: Butte 604
Time: W 11:00am-1:50pm	Ph. 530-354-6910 (cell); Fax. 530-898-5107
Computer Lab: Butte 211	E-Mail: Use Blackboard

Required Text: Tomita, M. (2003). Say It With a CD: Creating CD-ROMs for Effective Communication. Santa Cruz, CA: ToucanEd Publishing Company.

Publication Manual of the American Psychological Association (5th ed.). Washington, DC: Author. **OR** Online <http://www.apastyle.org/electsource.html>

Required Materials: One 256 MB (or larger) flash/jump drive, headset

Optional Materials: Digital camera

Week	Topics	Assignments*
Week 1 Jan 30	Introduction Health Education and Technology Theories (make sure to read Davis' Technology Acceptance Model and Self-Efficacy Theory) Using MS Word® for Word Processing: Formatting Peer-Reviewed Articles for Electronic Publishing	Introduction (Say It With a CD) Chapter 1 (Say It With a CD) Download the following files to your desktop for the class exercise: Written Procedure, Article for Formatting, Figure 1 (an image file for Figure 1) Homework Assignment (25 pts.) (Due by Monday, Feb. 4 at 8am): Format Journal article for electronic publishing. Submit via Blackboard in RTF.
Week 2 Feb 6	Using MS PowerPoint® to Create Professional Slideshows	Chapter 2 (Say It With a CD) Homework Assignment (25 pts.) (Due by Monday, Feb. 11 at 8am): Develop a health education slideshow, minimum 10 slides, with text, images, transitions, animations, one video clip, one audio clip, hypertext for navigation. Zip folder and submit via Blackboard.

Week	Topics	Assignments*
<p>Week 3 Feb 13</p>	<p>Using MS FrontPage® to Create Web Pages (Graphics, Manipulating Animation and Video Files)</p> <p>Using Xenu® to Check Hyperlinks</p>	<p>Chapter 3(Say It With a CD) Demonstration: Demonstrate to the class what you created in today’s class.</p> <p>Chapter 8 (Say It With a CD)</p> <p>Homework Assignment (25 pts.) (Due by Weds, Feb. 20 at 10am): Complete electronic portfolio and copy folder to student computer in Butte 604. Note: The final e-portfolio will be due at the end of the semester, thus, you should be adding files to it every week as you complete the assignments.</p>
<p>Week 4 Feb 20</p>	<p>Using Adobe Acrobat® to Create PDF Documents</p> <p>Using MS Publisher® to Create Three-Fold Brochures and Flyers</p>	<p>Chapter 6 (Say It With a CD)</p> <p>MS Publisher Handout</p> <p>Homework Assignment (25 pts.): (Due by Monday, Feb 25 at 8am): Develop one health education brochure on diabetes using text and images. Develop one flyer announcing a health fair on injury prevention using text and images. Submit files via Blackboard. Convert the brochure file into PDF and submit via Blackboard.</p>
<p>Week 5 Feb 27</p>	<p>Using Adobe PhotoShop® to Create Posters and Book Covers</p>	<p>Handout</p> <p>Homework Assignment (40 pts.): (Due by Weds, Mar 5 at 10am). Develop one health education poster (11” X 17”, 300 dpi, in portrait and one book cover for a 6” X 9” book with 160 pages, 300 dpi).</p>
<p>Week 6 Mar 5</p>	<p>Digital Photographs (Taking Digital Photos, downloading, editing; Preparing Digital Photos for publishing)</p>	<p>Class will go out on campus to take photos and videos. If you have a digital camera, bring it to class WITH the USB cable. No cable to download photos, you will not receive any points for this assignment.</p> <p>Select five photos for class demonstration. Edit one photo to demonstrate before and after views. Demonstrate to class.</p>

Week	Topics	Assignments*
		Homework Assignment: Develop Internet radio program and be ready to record on Wed, Mar 12, beginning at 8am.
Week 7 Mar 12	Internet Radio Health Promotion Programming: Podcasting (Topic: African American Health) Format Health Education Lesson Plans for Publishing Using MS Word	Handout: Class will work in groups of two to produce their own health promotion program for Internet radio (podcasting). Files must be saved in MP3/MP4 format. After all programs are finished, we will burn the programs on CD. Treat podcasts as you would music files. Handout Homework Assignment (40 points): Be ready to record your podcast on Weds, Mar 26 at 8am. Sign up for recording time for that day. Homework Assignment (40 pts.): (Due by Monday, Mar 24 at 8am). Submit (via Blackboard) finished lesson plan in final form for publishing in RTF. Be sure to peer review it with your partner to make sure there are no errors in formatting.
Mar 19	SPRING BREAK	
Week 8 Mar 26	Critique Podcasts	Handout: Critique sheets
Week 9 Apr 2	Using Icon Maker® to Create Icons Using Autorun to Launch Your CD-ROM Choosing the CD-R Medium Burning the CD-ROMs Making Multiple Copies of the CD-ROM	Chapter 9 (Say It With a CD) Chapter 10 (Say It With a CD) Chapter 12 (Say It With a CD) Chapter 13 (Say It With a CD) Chapter 14 (Say It With a CD)
Week 10 Apr 9	Using Discus® and PhotoShop® for Labeling CDs/DVDs CD-ROM Packaging Copyright	Chapter 15 (Say It With a CD) Handout Chapter 16 (Say It With a CD) Chapter 17 (Say It With a CD) Homework Assignment (20 pts.): (Due by Mon, Apr 14 at 8am). Develop two professional CD labels for the class podcasts using Discus and Photoshop. Convert the files

Week	Topics	Assignments*
		to PDF and submit files via Blackboard.
Week 11 Apr 16	Using MS Excel® to Create Spreadsheets	Handout Homework Assignment (20 pts.): (Due by Monday, Apr. 21 at 8am). Complete the assignment and submit via Blackboard.
Week 12 Apr 23	Using SPSS® for Statistical Analysis I	Handout Homework Assignment (20 pts.): (Due by Monday, Apr. 28 at 8am). Complete the assignment and submit via Blackboard.
Week 13 Apr 30	Using SPSS® for Statistical Analysis II	Handout Homework Assignment (20 pts.): (Due by Monday, May 5 at 8am). Complete the assignment and submit via Blackboard.
Week 14 May 7	Using MS Excel® for Statistical Analysis	Handout Homework Assignment (20 pts.): (Due by Monday, May 13 at 8am). Complete the assignment and submit via Blackboard.
Week 15 May 14	Final E-Portfolio Due (20 pts.) Student Presentations of Projects	

General Information

Class Expectations and Grades

1. **Please be on time for class.** Class will start promptly at the designated class time. The class is always disrupted when people enter late. Please be courteous to your classmates and professor and not interrupt the lectures. If you should enter class late, sit near the doorway to minimize disruption to the class lecture.
2. During class: 1) **Turn off all pagers and cell phones before class starts.** Ringing cell phones and pagers are very disruptive to the class and will not be tolerated. Students with ringing cell phones or pagers (that includes vibrating pagers) will be asked to leave the classroom if it is a persistent problem; 2) You may not go in and out of the classroom to the bathroom, to get a soda, and so on. Plan ahead and go to the bathroom before you come to class; 3) It is rude and disrespectful of students to talk to one another while someone is speaking (the professor, guest speaker, a student discussing a point). Students who are interrupting the class by talking to one another will be asked to leave the room; 4) **Do not bring food or drinks into the computer lab.**
3. Students with recognized disabilities need to inform the professor about their needs for this course before taking any quiz. Please refer to the Handbook (http://www.csuchico.edu/dss/dss_student_handbook.pdf). The CSUC Disability Support Services Office will contact the professor. Students with recognized disabilities may receive up to twice the amount of time to complete quizzes/exams.

4. When class is in session, students are expected to be completing class assignments and not using the computer for personal reasons such as e-mail, chat, browsing the web, and so on. Students playing with the computers in this fashion will be asked to leave the lab.
5. Your course grade will be computed as follows:

Evaluation	Points
In-Class Assignments	(60 pts.)
MS Word journal article	5
Formatting journal article	5
PowerPoint slideshow	5
Web page and Xenu report	5
Publisher® brochure and flyer	5
PDF of brochure	5
Poster	5
Book cover	5
Digital photos	5
Icon	5
Autorun	5
CD/DVD labels	5
Homework Assignments	(300 pts.)
Formatting journal article	25
PowerPoint slideshow	25
Web page and Xenu report	25
Publisher® brochure and flyer	20
PDF of brochure	5
Poster	20
Book Cover	20
Podcast	40
CD-ROM Labels (Discus and PhotoShop)	20
Excel Spreadsheet	20
SPSS statistical analysis Part I	20
SPSS statistical analysis Part II	20
MS Excel statistical analysis	20
Electronic portfolio	20
Total Possible Points	360

* Late assignments will not be accepted.

GRADING

The grading scale (percent) that will be used for this course is: 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. Course grades may be curved up at the discretion of the professor.