

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

Fall 2009	Office Hours: M 9-11am; W 9-11am, 2-3pm
HCSV 260	Office Location: Butte 604
Time: Sec. 1 (1474) M 11am-1:50pm	Ph. 530-354-6910 (cell) - No calls after 9pm. NO TEXT MESSAGES. Weekends okay. Calls that do not show up on my phone will not be answered, thus, if you have caller ID block, etc., your call may not go through.
Computer Lab: Butte 211	E-Mail: Use Vista

REQUIRED TEXTS

Tomita, M. (2010). Computer Applications in Health Education Lessons. Chico, CA: California State University, Chico. DO NOT USE OLDER VERSIONS.

REQUIRED E-BOOKS (Obtain FREE e-books online at <http://www.csuchico.edu/~mtomita/>) Hard copies of the books may be purchased if available.

- Freelove-Charton, J., Ornelas, V., Schuldberg, J., Tomita, M. (Eds.) (2009). Three Generations of Women: The Granddaughter's Perspective. Softcover Book, 284 pages. ISBN 978-0-9820648-5-6.
- Tomita, M., Bilsborough, L., Sbarbaro, V., Campbell, J. (Eds.) (2009). My favorite elementary school teacher: Stories told by Chico State students. Chico, CA: North State Academic Press. Softcover Book, ISBN 978-0-9820648-3-2.
- Tomita, M., Johansen, P., Schuldberg, J., Freelove, J. (Eds.) (2009). Promoting intergenerational health: Stories told by Chico State students. Chico, CA: North State Academic Press. Softcover Book, ISBN 978-0-9820648-4-9.
- Tomita, M. (Ed.) (2008). Poems in health promotion: Sustainability. Chico, CA: North State Academic Press. Softcover Book, ISBN 978-0-9820648-1-8.

OPTIONAL BOOK (MONDAY SECTION ONLY)

Tomita, M., and Sbarbaro, V. (Eds.) (2009). Chico Bear Adventures: The Awakening. Softcover Book, Novel, 254 pages. ISBN 978-0-9820648-6-3. LOC Number: 2009925942.

REQUIRED MATERIALS

1. Flash drive 4 GB minimum
2. Headset (any)
3. Digital camera with USB cable (3.2 megapixel or higher)
4. CD-R blanks (two CD-R plain, one blank CD-R with inkjet-printable surface, one blank business card CD-R with inkjet-printable surface, and one business card jewel case). No CD-RW discs.
5. Access to reliable computer and printer.

COURSE CONTENT AND ASSIGNMENTS BY WEEK

Week	Topics	Assignments*
Week 1 Aug 24	Overview of HCSV 260	<ol style="list-style-type: none"> 1. Choose class partner(s). 2. Begin book publishing project: Using storytelling in health education. 3. Class partner(s) develop outline for chapter. Hand in one copy to instructor before leaving class. 4. Download E-Portfolio folder and unzip.
	Desktop and Electronic Publishing in Health Promotion	Read Chapter 1 Introduction to Desktop and Electronic Publishing in Health Promotion

Week	Topics	Assignments*
	Formatting Peer-Reviewed Health Promotion Journal Articles Using Microsoft Word	Read Chapter 2 Formatting Peer-Reviewed Health Promotion Journal Articles Using Microsoft Word Show instructor your work before leaving class today.
Week 2 Aug 31	More Word Processing	<ol style="list-style-type: none"> 1. CHAPTER FIRST DRAFT DUE VIA VISTA DISCUSSION SECTION BEFORE 8AM 2. Continue work on book chapter. 3. Each group will meet with instructor during class to discuss chapter development. Read Chapter 3 Creating Form Letters and Mailing Labels Using Microsoft Word Show instructor your work before leaving class today.
Sept 7	LABOR DAY	HOLIDAY – UNIVERSITY CLOSED
Week 3 Sept 14	Using Adobe Acrobat	CHAPTER SECOND DRAFT DUE VIA VISTA DISCUSSION SECTION Read Chapter 4 Designing Health Promotion Portable Document Format (PDF) Documents and Fillout Forms Using Adobe Acrobat Show instructor your work before leaving class today. Continue work on book project with your partner(s).
Week 4 Sept 21	Web Page Design Checking Hyperlinks Introduction to Electronic Portfolios	CHAPTER THIRD DRAFT DUE VIA VISTA DISCUSSION SECTION Read Chapter 7 Designing Health Promotion Web Pages Using Dreamweaver Read Chapter 8 Checking Hyperlinks Using Xenu Link Sleuth Read Chapter 9 Designing Electronic Portfolios in Health Promotion
Week 5 Sept 28	MS PowerPoint Presentations	Read Chapter 10 Designing Health Promotion Presentations With Handouts Using Microsoft PowerPoint Assignment (Due beginning of next class): Design a PowerPoint presentation. Your instructor will give you the topic. Bring file to next class and name file with your full name (Last, First). Copy to instructor's computer in computer lab. Demonstrate in class.
Week 6 Oct 5	Digital Photography Adobe PhotoShop Basics Advanced PhotoShop	FINAL CHAPTER DUE BY 11 AM VIA VISTA IN MS WORD Read Chapter 1 Introduction to Graphic Design in Health Education Read Chapter 2 Recording Health Education Events Using Digital Photography: The Basics Read Chapter 3 Editing Digital Photographs Read Chapter 4 Transforming Photos Using Filters for Health Education Publications. Demonstrate your work in class. Assignment (Due beginning of next class): Take five digital

Week	Topics	Assignments*
		photos and edit. Bring files to next class in a folder with your full name (Last, First). Copy to instructor's computer in computer lab. Demonstrate in class.
Week 7 Oct 12	Health Education Consumer Posters Health Education Scientific Posters for Professional Conferences	Read Chapter 5 Designing Health Education Posters Read Chapter 6 Designing Health Education Conference Posters
Week 8 Oct 19	Designing Health Education Board Games Designing Book Covers	Read Chapter 7 Designing Health Education Game Boards Assignment (Due beginning of next class): Design a health education board game with rules. Print six hard copies and bring to next class. Bring file to next class, and name file with your full name (Last, First). Copy to instructor's computer in computer lab. Demonstrate in class. Read Chapter 8 Designing Health Education Book Covers HOMEWORK: Read Chapter 12 CD-ROM Basics: Icons, AutoPlay, Media, Packaging, Copyright Read Chapter 13 Burning CD-ROMs: Audio Versus Data Read Chapter 14 CD-ROM Duplication/Replication Methods
Week 9 Oct 26	FURLOUGH DAY	NO CLASS
Nov. 2	FURLOUGH DAY (Mandatory)	UNIVERSITY CLOSED
Week 10 Nov 9	FURLOUGH DAY	NO CLASS
Week 11 Nov 16	Health Education Board Games <i>continued</i> Design CD-ROM Labels Using Discus and PhotoShop Podcasting Consumer Health Program	Demonstrate health education board game and test games. Read Chapter 15 Designing CD/DVD Labels Using Discus Read Chapter 9 Designing CD/DVD Labels Group Assignment: Develop a podcast with your partner. Sign up for recording times for next week. Read Chapter 11 Podcasting for Internet Radio: Recording and Editing Health Promotion Programs Using Audacity All students are expected to submit a written critique for any two podcasts. Go to Discussion section in Vista.
Nov 23	THANKSGIVING WEEK	HOLIDAY
Week 13 Nov 30	FURLOUGH DAY	NO CLASS
Week 14 Dec 7	Review and Critique Health Education Podcasts	Student Presentations
Week 15 Dec 14	Review Book Project	DUE: E-Portfolio

CLASS EXPECTATIONS

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.
2. During class: **a) Turn off all pagers and cell phones before class starts.** Ringing cell phones and pagers are very disruptive to the class. Students with ringing cell phones or pagers (that includes vibrating pagers) will be asked to leave the classroom if it is a persistent problem; **b) 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;** **c) 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;** **d) Do not bring food or drinks into the computer lab.** There is a water fountain right outside Butte 211.
3. If you are a student with recognized disabilities, and you need special accommodations, please inform the professor to work out specialized lessons and tests. Please refer to the Handbook (<http://www.csuchico.edu/dss/>). The CSUC Disability Support Services Office will contact the professor.
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, web browsing, and so on. Students playing with the computers in this fashion will be asked to leave the lab.
5. Although my office hours are on MW, I have always had an open-door policy for students MWF. If TTh are the only days you can meet with me, I will try to schedule you for an appointment.

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.

Your course grade will be computed as listed in the table below. If you miss class that day, you will not receive any points for that assignment. No exceptions.

LATE ASSIGNMENTS: Students are expected to use their time wisely, thus, late assignments will not be accepted. For in-class assignments, you must complete the assignment by the end of the class period. No partial credits. For out-of-class assignments, you must hand in the assignment at the beginning of class at 11am. Again, assignments handed in later in the day will not be accepted.

ASSIGNMENTS AND POINTS: **All of the files generated from the assignments MUST go into you electronic portfolio folder.** Please make sure you SAVE your best works in the e-portfolio folder after the end of each class period or out-of-class assignment completion. Link the file from the Computer Skills web page.

Assignments	Points*
In-Class Assignments	(60 pts.)
MS Word® journal article formatting	5
MS Word® mail merge letter and labels Avery 5160	5
Adobe® PDF fillout form	5
PowerPoint slideshow	5
Web page and Xenu report	5
Poster (Consumer)	5
Poster (Scientific)	5
Book cover	5
Digital photos	5
Icon	5
CD/DVD label (Discus, PhotoShop)	10
Desktop Publishing Projects	(80 pts.)
PinoChico Book	
Chapter, edited	50
Two other student chapters, peer-reviewed and edited	10
Formatting	10

Assignments	Points*
Cover design	10
Other Assignments (You will be asked to demonstrate the following to the class)	
	(80 pts.)
PowerPoint slideshow (depression in college students)	25
Board Game	25
Podcast (Health Education), Group Assignment	10
Electronic portfolio	20
TOTAL POSSIBLE POINTS	220

* Late assignments will not be accepted.

COURSE DESCRIPTION

HCSV 260 Computer Applications in Health Education (3 FS)

An introduction to computer software applications used in health education. Students have hands-on experience developing electronic resources for publishing health education CD-ROMs and web sites. Skills learned may also be used for desktop publishing. Other topics addressed include digital photography, video, scanning, graphic design, archiving, professional presentations, academic databases, and evaluating electronic resources.

COURSE LEARNING OBJECTIVES

See your required textbooks and handouts for a complete list of learning objectives. The objectives are on the first page of each chapter or handout.

OVERVIEW OF DESKTOP PUBLISHING PROJECT

You will be accomplishing one major desktop publishing project this semester. The activities related to this project will be interspersed between other content being covered and are not necessarily listed on specific dates in the week, topic, and assignment table above.

The book you produce this semester may be published in soft cover if funds are available. Each student who contributes a chapter will receive a copy. If funds are not available for the printing of hard copies, the class may explore other options such as each student purchasing their own copy (this will be voluntary).

The book will be available online in PDF format and will be accessible through a Chico State web site. At this point, you will be able to access the book through my home page (<http://www.csuchico.edu/~mtomita>).

I. PINOCHICO: THE CHICO STATE FRESHMAN BOOK

You will be: (1) reading Chapters 1-3 of the book to understand the characters and storyline, (2) write a chapter with your partner(s) continuing the adventure, (3) write a biosketch, (4) group editing other student works, (5) designing a book cover, (6) copying editing drafts and final versions of the manuscript. You will also learn about the peer-review process essential for all published professional materials, obtaining ISBN and barcodes, pricing, and so on.

Your target population is sixth grade. Thus, after you've written your chapter, you will use the California Health Framework to align the chapter with what sixth graders should be learning.

Biosketch

1. Write and submit a "biosketch." A biosketch is commonly used to tell the audience a little about the author of a book, book chapter, journal article, or professional presentation. Since you are all students and not health professionals, the biosketch should include the proper names of your university, department, major, and year in school, health topic interests, and anything else you would like the reader to know about you. Do not include a photo of yourself.

Book Format

- Title Page with name of editors and publishing company (front)

- Copyright and administrative information (back of title page)
- Dedication Page and blank back page (Optional this semester)
- Table of Contents
- Student Writings
- Contributing Authors (we will include your biosketches here)
- Index (optional since this is a small book)
- Blank Last Page (front and back)

Book Cover

The cover must be attractive yet professional. Without an attractive book cover, the consumer is not likely to pick up the book and scan the contents. You will develop a book cover using PhotoShop. The front, spine, and back cover will be designed in one file. The barcode will be inserted on the back of the cover. See the examples from the e-books listed above in required readings.

Front Cover: Book title, author/editor(s), and any graphic images

Spine: Author/editor(s), book title

Back: Synopsis or background of the book with information about the author/editor(s), barcode, book publishing company

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