Course Outline for CIS 90

TODAY'S TECHNOLOGY TOOLS

Effective: Fall 2010

I. CATALOG DESCRIPTION:
CIS 90 — TODAY'S TECHNOLOGY TOOLS — 2.00 units

Technology is always changing; this fun, fast-paced, dynamic class is a hands-on exploration of today's hot new technologies. Students will identify today's new technology trends, understand how and why to appropriately incorporate these technology tools into school/workplace activities. Today, with student input, topics could include: new web tools (instant messaging, podcasting, blogs, wikis, social networking sites, virtual worlds), new websites, collaboration software, tech gadgets, and more. Tomorrow? to be determined.

1.50 Units Lecture 0.50 Units Lab

Grading Methods:
Letter or P/NP

Discipline:

	MIN
Lecture Hours:	27.00
Lab Hours:	27.00
Total Hours:	54.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 4

III. PREREQUISITE AND/OR ADVISORY SKILLS:

IV. MEASURABLE OBJECTIVES:
Upon completion of this course, the student should be able to:
   A. Demonstrate a sound understanding of the nature and operation of technology;
   B. Locate, evaluate, and collect information from a variety of sources using current technology tools;
   C. Process data and reports results using current technology tools;
   D. Manage and communicate information via technology tools and resources;
   E. Evaluate and select new information resources and technological innovations based on their appropriateness to specific tasks;
   F. Collaborate, publish, and interact with peers, experts and other audiences using a variety of media and formats;
   G. Exhibit positive attitudes towards technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

V. CONTENT:
   A. Get Info Anywhere at Anytime
      1. For example, explore ChaCha, Cuil, Zillow
   B. What's New in Sharing Information
      1. For example, explore PollEverywhere, Moblying, Catch a Video
   C. What's New in Web 2.0 Social Networking Information
      1. For example, explore Delicious, StumbleUpon, LinkedIn
   D. What's New in browsers: IE, FireFox, etc
      1. For example, explore Mapping Accelerators and Translation Accelerators., WebSlices
      2. For example, explore Private Browsing
   E. What's New in Plug-Ins
      1. For example, explore Silverlight, Silverlight Site, Tafiti.com
   F. What's New in Web 2.0/3.0 Tools
      1. For example, explore Twitter, Technorati, Mashups and PopFly
   G. What's New in Google Chrome and Google Tools
      1. For example, explore Google Chrome Features
      2. For example, explore Google Traffic/Live Maps
   H. What's New in Google Tools Part 2
      1. For example, explore Google Translate, Google Finance, Google Sites
   I. What's New in Sites for the College Student
      1. For example, explore Office Live, Tiny URL, YouSendIt
   J. What's New in Hot Web Sites
      1. For example, explore Newseum, iSpeech, Yelp
   K. Student input on topics to explore

VI. METHODS OF INSTRUCTION:

A. Lectures utilizing Power Point, overhead transparencies, digital media, handouts, whiteboard and/or blackboard
B. Instructor demonstration of software
C. Interactive assessment programs
D. Interactive web-based tutorials
E. Hands-on assignments using software application

VII. TYPICAL ASSIGNMENTS:
A. Access textbook companion website for interactive, autograded lesson B. Complete hands-on assignment using software
C. Contextualized and scenario based learning projects

VIII. EVALUATION:
A. **Methods**

1. Exams/Tests
2. Quizzes
3. Projects
4. Other:
   a. Methods
      1. Regular hands-on assignments
      2. Discussion board
      3. Exams and/or Quizzes
      4. Final examination

B. **Frequency**

1. Frequency – Regular assessment of learning using assignments, activities, projects or quizzes and final evaluation.
   a. Recommend at least 1 hands-on assignment each week.
   b. Recommend 3 or 4 quizzes, plus final examination.

IX. TYPICAL TEXTS:
1. Hoisington, Corinne *A Guided Tour of Hot Technologies*. 1st ed., Course Technology, 2009.
2. Hoisington, Corinne *A Guided Tour of Hot Technologies Video Tutorial CD*., Course Technology, 2009.

X. OTHER MATERIALS REQUIRED OF STUDENTS:
A. Computer and printer access
B. Internet access