Courses must be submitted by October 15, 2013, and finalized by the end of the fall semester to make the next catalog (2014-15) production

DATE (CHANGE DATE EACH TIME REVISED): 6/26/13 REV 9/27/13; REV 10.17.13GE; REV 11.25.13
PROGRAM AREA(S) : COMPUTER SCIENCE, LIBERAL STUDIES
Directions: All of sections of this form must be completed for course modifications. Use YELLOWED areas to enter data. All documents are stand alone sources of course information.

1. **Indicate Changes and Justification for Each.** *[Mark an X by all change areas that apply and follow-up your justification. Be as brief as possible but, use as much space as necessary.]*

	Course title		Course Content
	Prefix/suffix	X	Course Learning Outcomes
	Course number		References
	Units		GE
	Staffing formula and enrollment limits	X	Other Justification and Requirements
	Prerequisites/Corequisites		Reactivate Course
X	Catalog description		
	Mode of Instruction		

Justification: This is course is very similar to Comp 101 which has a similar restriction

2. **Course Information.**
 [Follow accepted catalog format.] **(Add additional prefixes i f cross-listed)**

OLD	NEW
Prefix COMP/LS Course# 110	Prefix COMP/LS Course# 110
Title Computer Literacy for Educators Units (3)	Title Computer Literacy for Educators Units (3)
3 hours lecture per week	3 hours lecture per week
_____ hours blank per week	_____ hours blank per week
Prerequisites: _____	Prerequisites: _____
Consent of Instructor Required for Enrollment	Consent of Instructor Required for Enrollment
Corequisites: _____	Corequisites: _____
Catalog Description (Do not use any symbols):	**Catalog Description** (Do not use any symbols)**:**
An introduction to computer systems, including web applications, word processing, spreadsheets, database emphasizing their use in educational settings.	An introduction to computer systems, including web applications, word processing, spreadsheets and databases emphasizing their use in educational settings. Not open to Computer Science majors.
General Education Categories: B4	General Education Categories: B4
Grading Scheme (Select one below):	Grading Scheme (Select one below):
X A – F	X A – F
Credit/No Credit	Credit/No Credit
Optional (Student's Choice)	Optional (Student's Choice)
Repeatable for up to _____ units	Repeatable for up to _____ units
Total Completions _____	Total Completions _____
Multiple Enrollment in Same Semester Y/N N	Multiple Enrollment in Same Semester Y/N N
Course Level:	Course Level:
X Undergraduate	X Undergraduate
Post-Baccalaureate	Post-Baccalaureate
Graduate	Graduate

3. Mode of Instruction (Hours per Unit are defaulted)   Hegis Code(s)_____

(Provided by the Dean)

Existing

	Units	Hours Per Unit	Benchmark Enrollment	Graded
Lecture	**3**	**1**	**25**	X
Seminar		**1**		
Lab		**3**		
Activity		**2**		
Field Studies				
Indep Study				
Other blank				
Online				

Proposed

	Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	**3**	**1**	**25**	**X**	
Seminar		**1**			
Lab		**3**			
Activity		**2**			
Field Studies					
Indep Study					
Other blank					
Online					

4. Course Attributes:

General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: http://summit.csuci.edu/ge
Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

A (English Language, Communication, Critical Thinking)
   A-1 Oral Communication
   A-2 English Writing
   A-3 Critical Thinking
B (Mathematics, Sciences & Technology)
   B-1 Physical Sciences
   B-2 Life Sciences – Biology
   B-3 Mathematics – Mathematics and Applications
 X   B-4 Computers and Information Technology
C (Fine Arts, Literature, Languages & Cultures)
   C-1 Art
   C-2 Literature Courses
   C-3a Language
   C-3b Multicultural
   D (Social Perspectives)
   E (Human Psychological and Physiological Perspectives)
   UDIGE/INTD Interdisciplinary
   Meets University Writing Requirement (Graduation Writing Assessment Requirement)
   Meets University Language Requirement

American Institutions, Title V Section 40404:   Government   US Constitution   US History
   Regarding Exec Order 405, for more information: http://senate.csuci.edu/comm/curriculum/resources.htm

Service Learning Course (Approval from the Center for Community Engagement must be received before you can request this course attribute).

Online Course (Answer YES if the course is ALWAYS delivered online).

5. Justification and Requirements for the Course. *[Make a brief statement to justify the need for the course]*

OLD   **NEW**

Required course for the Integrated Option in Liberal Studies, a new option designed to meet subject matter content preparation for students in the proposed Integrated Program - a combination of a Liberal Studies Bachelor's degree and Multiple-Subject Teaching Credential coursework.

Required course for the Teaching and Learning Emphasis in Liberal Studies, designed to meet subject matter content preparation for students aiming to apply to a Multiple-Subject Teaching Credential program.

☐ Requirement for the Major/Minor
X Elective for the Major/Minor
☐ Free Elective
* Computer Science majors cannot receive credit for this course

X Requirement for the Major/Minor – in Liberal Studies.*
☐ Elective for the Major/Minor
☐ Free Elective

Submit Program Modification if this course changes your program.

6. Student Learning Outcomes. (List in numerical order. Please refer to the Curriculum Committee's "Learning Outcomes" guideline for measurable outcomes that reflect elements of Bloom's Taxonomy: *http://senate.csuci.edu/comm/curriculum/resources.htm*. The committee recommends 4 to 8 student learning outcomes, unless governed by an external agency (e.g., Nursing).

Upon completion of the course, the student will be able to:
OLD

1. Identify components of a computer system
2. Perform an effective web search
3. Know MS Word for wordprocessing and mail merge
4. Use MS Excel to organize and present data
5. Use MS Access to organize and store data
6. Use MS Powerpoint to create effective presentations
7. Produce professional documents that integrate and present relevant data
8. Evaluate critically various software applications found commonly in school settings
9. Use computer technology to communicate ideas clearly and convincingly

Upon completion of the course, the student will be able to:
NEW

1. Identify components of a computer system
2. Perform an effective web search (GE Outcome 3.1)
3. Use MS Word for wordprocessing and mail merge
4. Use MS Excel to organize and present data
5. Use MS Access to organize and store data
6. Use MS Powerpoint to create effective presentations
7. Produce professional documents that integrate and present relevant data (GE Outcome 4.3)
8. Evaluate critically various software applications found commonly in school settings
9. Use computer technology to communicate ideas clearly and convincingly

7. Course Content in Outline Form. (Be as brief as possible, but use as much space as necessary)

OLD
A. COMPUTER SYSTEMS
B. OPERATING SYSTEMS
C. COMPUTER NETWORKS
D. MS WINDOWS
E. INTERNET BROWSERS
F. WORDPROCESSING (WORD)
G. SPREADSHEET ANALYSIS (EXCEL)
H. DATABASE TECHNOLOGY (ACCESS)
I. SOFTWARE APPLICATIONS FOR EDUCATION
J. EVALUATING EDUCATIONAL SOFTWARE
K. PRESENTATION SOFTWARE TOOLS
L. INTEGRATING WORD, EXCEL AND POWERPOINT – PROJECTS

NEW
A. COMPUTER SYSTEMS
B. OPERATING SYSTEMS
C. COMPUTER NETWORKS
D. MS WINDOWS
E. INTERNET BROWSERS
F. WORDPROCESSING (WORD)
G. SPREADSHEET ANALYSIS (EXCEL)
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J. EVALUATING EDUCATIONAL SOFTWARE
K. PRESENTATION SOFTWARE TOOLS
L. INTEGRATING WORD, EXCEL AND POWERPOINT – PROJECTS

Does this course content overlap with a course offered in your academic program? Yes X   **No** ☐
 If YES, what course(s) and provide a justification of the overlap. COMP110 overlaps with some of the topics and learning objectives offered in COMP101, however it more completely meets the Elementary Subject Matter requirements for students intending to enter a Multiple Subject Teaching Credential Program.

Does this course content overlap a course offered in another academic area? Yes ▮ **No** X

If YES, what course(s) and provide a justification of the overlap. ▮

Overlapping courses require Chairs' signatures.

8. **Cross-listed Courses (Please note each prefix in item No. 1)**
    A. **List cross-listed courses (Signature of Academic Chair(s) of the other academic area(s) is required).**
    B. **List each cross-listed prefix for the course: COMP, LS**
    C. **Program responsible for staffing: Liberal Studies**

9. **References.** *[Provide 3-5 references]*
    OLD

1. Shelly, C. (2002). Discovering computers 2002, concepts for a digital world – web enhanced
2. Beskeen, f., & Reding, S. (2000).
Microsoft Office 2000 - enhanced edition
3. Chen, J.Q., Price, V. (2006). Narrowing the Digital Divide: "Head Start Teachers Develop Proficiency in
Computer Technology". Education and Urban Society, 38, 398-405 2006.
4. Wozney, L., Venkatesh, V., & Abrami, P. (2006). Implementing Computer Technologies: Teachers' Perceptions and Practices; Journal of Technology
and Teacher Education, 14, 173-207.
5. Furner, J. M., & Daigle, D. (2004). The Educational Software/Website Effectiveness Survey. International Journal of Instructional Media, 31, 61.

    NEW

1. Shelly, C. (2002). Discovering computers 2002, concepts for a digital world – web enhanced
2. Beskeen, f., & Reding, S. (2000).
Microsoft Office 2000 - enhanced edition
3. Chen, J.Q., Price, V. (2006). Narrowing the Digital Divide: "Head Start Teachers Develop Proficiency in
Computer Technology". Education and Urban Society, 38, 398-405 2006.
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and Practices; Journal of Technology and Teacher Education, 14, 173-207.
5. Furner, J. M., & Daigle, D. (2004). The Educational Software/Website Effectiveness Survey. International Journal of Instructional Media, 31, 61.

10. **Tenure Track Faculty qualified to teach this course.**
     Computer Science Faculty

11. **Requested Effective Date or First Semester offered: Fall 2014**

12. **New Resource Requested: Yes** ▮ **No** X
     If YES, list the resources needed.

     A. **Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)**

     B. **Library Needs (streaming media, video hosting, databases, exhibit space, etc.)**
         ▮

     C. **Facility/Space/Transportation Needs:**
         ▮

     D. **Lab Fee Requested: Yes** ▮ **No** ▮ **(Refer to the Dean's Office for additional processing)**
     E. **Other.** ▮

13. **Will this course modification alter any degree, credential, certificate, or minor in your program? Yes** ▮ **No** X
     If, YES attach a program update or program modification form for all programs affected.
     Priority deadline for New Minors and Programs: October 1, 2013 of preceding year.
     Priority deadline for Course Proposals and Modifications: October 15, 2013.
     Last day to submit forms to be considered during the current academic year: April 15th.

Peter Smith, Bob Bleicher   9/27/13

_____   _____
Proposer(s) of Course Modification   Date
Type in name. Signatures will be collected after Curriculum approval.

GE Committee response to your request have COMP110: COMPUTER LITERACY FOR EDUCATORS added to B4: Computers and Information Technology

Approved by committee on 11-9-2006
Approved by committee on 10.7.2013

Request Submitted

Course: COMP110 COMPUTER LITERACY FOR EDUCATORS
Area: B4 Computers and Information Technology
Date Submitted: 10/30/2006 12:00:00 AM
Date Approved: 10/17/2013 11:56:18 AM

1. Promote the understanding and appreciation of the methodologies of math or science as investigative tools and the limitations of mathematical or scientific endeavors

The following learning objectives involve students in learning activities that aim to meet this criteria:

2. Perform an effective web search
4. Use MS Excel to organize and present data

Learning activities aiming at these two learning objectives will explicitly point out both the power and limitations of computers to find and filter information as well as represent data in different ways for different audiences. Excel is a good example of computer software designed to analyze and present scientific data. Limitations and falacies invovled in data representation will be discussed.

2. Present mathematical or scientific knowledge in a historical prespective and the influences of math and science on the development of world civilizations, both past and present

HISTORY OF COMPUTERS - INTERNATIONAL is a topic that involves students in examining the international history of the development of computers and their impact on human civilization with special focus on the impact of the internet on global human affairs.

3. Apply inductive and deductive reasoning processes and explore fallacies and misconceptions in the mathematical or scientific areas

The following learning objectives involve students in learning activities that aim to meet this criteria:

7. Produce professional documents that integrate and present relevant data
8. Evaluate critically various education software applications found commonly in school settings

Students will be involved in activities that require them to use several critical thinking skills, particularly application of inductive and deductive reasoning and the final use of evaluation in deciding which software applications are most appropriate for different educational purposes and settings.

4. Include use of computers or information technology to solve problems as appropriate

The following learning objectives involve students in learning activities that aim to meet this criteria:

6. Use MS Powerpoint to create effective presentations
7. Produce professional documents that integrate and present relevant data
9. Use computer technology to communicate ideas clearly and convincingly

Students will learn to examine various questions and/or problems by using various computer technology including computer networks and the use of web-based applications such as browsers and other tools

Approval Sheet

Course: COMP/LS 110

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

Program Chair		
	Signature	Date

Program Chair		
	Signature	Date

Program Chair		
	Signature	Date

General Education Chair		
	Signature	Date

Center for Intl Affairs Director		
	Signature	Date

Center for Integrative Studies Director		
	Signature	Date

Center for Multicultural Engagement Director		
	Signature	Date

Center for Civic Engagement and Service Learning Director		
	Signature	Date

Curriculum Chair		
	Signature	Date

AVP		
	Signature	Date