

Chabot College
Distance Education Curriculum Support Committee

Course Proposal Form
(Send as an email attachment to DECSC chair)

2005-2006

These questions are meant to provide you, our faculty colleagues, a framework for your Distance Education Curriculum Proposal. These are *guidelines*, not mandates. Much of this emerged from an Academic Senate for California Community Colleges white paper, available in our resource area. We believe careful and thorough consideration of these issues will improve not just your proposal, but also your entire course design. Please feel free to elaborate where you think most important. Note: Please click on *File, Save As* to save this form as a document, so you can work on it and submit it electronically to the DE Curriculum Support Committee chair.

Each proposal or existing course, if delivered by distance education, shall be separately reviewed and approved by the curriculum committee prior to being offered. (Ed Code 55378)

Course Title & Number: Introduction to Computer Programming Concepts (CSCI 7) – Hybrid

Faculty Name: Jonathan Traugott

1. Need/Justification

CSCI 7 is strongly recommended for CSCI 14. An online section of CSCI 7 will allow our distance education students to take both courses in sequence. By putting CSCI 7 online we will also facilitate cross-listing with LPC's CSCI 7.

We will be offering CSCI 7 in hybrid format with 50% of the course taught online and 50% taught in the classroom. This format provides weekly contact with the instructor while still accommodating students who have trouble coming to campus twice a week. Also, CSCI 7 typically includes 5-7 collaborative assignments which are more practical to do in the classroom with an instructor present.

2. Course Content Delivery

This course will be delivered 50% in the classroom and 50% online. It will continue to be a late-start class (approximately 3 weeks into the semester). This gives CSCI 14 students a chance to switch to CSCI 7 if they find CSCI 14 too challenging.

CSCI 7 has three hours of lecture and one hour of lab per week. In hybrid format the lecture and lab will both be delivered 50% online. The online portion of the lab may be done at home (on the student's computer) or on campus at the computer lab. The 50% on-campus portion will include 1 ½ hr of lecture and ½ hr of lab for a total of 2 hours one day per week. The remaining 50% will be conducted online.

CSCI 7 meets 68 hours per semester. In hybrid format 34 of those hours will be taught online, allocated as follows:

- Lab Assignments – 8
- E-lectures (PowerPoint presentations) – 14
- Quizzes– 4
- Exercises – 4
- Discussion Board / Email communications – 4

The e-lectures and exercises will be integrated so students can monitor their progress and test understanding of key concepts.

3. Nature and Frequency of Instructor-Student Interactions

The online portion of the course will be asynchronous. For each chapter there will be e-lectures, exercises, a lab assignment and an online quiz. There will also be weekly discussion board topics relating to that chapter.

Students are required to maintain regular email correspondence with the instructor and to come to office hours a minimum of 4 times per semester.

The instructor will monitor participation in the discussion board to ensure that students are actively engaged in the class. Students who fail to participate will be contacted individually.

The *Announcements* section of Blackboard will be used to post announcements, deadlines and hints for the assignments.

The instructor will hold traditional office hours on campus and will contact students via email and/or phone.

4. Assignments & Methods of Evaluation

Students will be evaluated based on

- Weekly on-line quizzes to help students assess their understanding of the material
- Lab Assignments for every chapter, requiring 1 to 2 hours per lab.
- Two in class midterms and a final.
- Discussion Board participation: required and heavily weighted by the instructor.

5. Technical Support

Support services offered by ITC staff and Blackboard administrator will be used.

6. Student Services

Students enrolled in this online course will have the same access to Chabot College student resources as all enrolled students have. Library services can also be utilized online through the library's website.

7. Accommodations for Students with Disabilities

Blackboard has accessibility feature to accommodate students with disabilities. Students that require assistance with disabilities can also use services in DSRC as available by Chabot.

8. Class Size & First Term to be offered

Class size will be 35 and the department plans to offer this course first time in Fall, 2006.