



SACRAMENTO  
STATE

# Course Change Proposal Form A



*original*

Academic Group (College): <b>Engineering and Computer Science</b>	Academic Organization (Department): <b>Computer Science</b>	Date: <b>Sept. 13, 2006</b>
Type of Course Proposal: New ___ Change <u>X</u> Deletion ___	Department Chair: <b>Du Zhang</b>	Submitted by: <b>Du Zhang</b>
Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes ___ No <u>X</u>	For Catalog Copy: Yes <u>X</u> No ___ CCE: Yes ___ No <u>X</u>	Semester Effective: Fall ___ Spring <u>X</u> , 2007 ___

This course replaces experimental course Subject Area (prefix) and Catalog Number (course number):	
This Catalog Number (course number) is being replaced:	

<b>Change from:</b> CSC 22	Title: <b>Visual Programming in BASIC</b>	Units: <b>2</b>
<b>Change to:</b> No change	Title: <b>No change</b>	Units: <b>3</b>

**JUSTIFICATION:**  
The change in units more accurately reflects the course load. It will also enable the course to be used as the first programming course in the Minor in Information Security and Computer Forensics and possibly other programs in future. The change in catalog description reflects updated course content.

**NEW COURSE DESCRIPTION:** (Not to exceed 80 words, and language should conform to catalog copy. See <http://www.csus.edu/acaf/univmanual/crspsl.htm> - Guidelines for Catalog Course Description)

Computer Programming using Visual Basic. Topics include the Visual Basic Integrated Development Environment, visual user interface development, concepts of object-oriented programming, variables, control structures, arrays, functions, subroutines, strings, files, and database access. Applications will be created in areas such as business, games, and multimedia. Lecture two hours, technical activity and laboratory two hours.

Note:

Prerequisite: **Intermediate Algebra**

Corequisite:

CAN (California Articulation Number):

Graded: Letter X Credit/No Credit \_\_\_ Instructor Approval Required? Yes \_\_\_ No X

Course Classification (e.g. lecture, lab, seminar, discussion):  
**04, 13** Title for SIS+/CMS (not more than 30 characters)  
**VISUAL PROGRAMMING IN BASIC**

Cross Listed? Yes \_\_\_ No X If yes, do they meet together and fulfill the same requirement, and what is the other course.

How Many Times Can This Course be Taken for Credit? 1

Can the course be taken for Credit more than once during the same term? Yes \_\_\_ No X

## FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

**Description of the Expected Learning Outcomes:** Describe outcomes using the following format: "Students will be able to: 1), 2), etc."  
See the example at <http://www.csus.edu/aca/example.htm>

After completing this course, students will be able to:

- Work in the Visual Studio .NET Integrated Development Environment
- Develop a simple graphical user interface
- Understand the concepts of object-oriented programming
- Use control structures, such as sequence, selection and iteration
- Use class libraries
- Use functions and subroutines
- Create a distributable Visual Basic .NET application

**\*\*Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.**

**Assessment Strategies:** A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

Examinations, laboratory performance, written programming assignments.

**For whom is this course being developed?**

Majors in the Dept \_\_\_ Majors of other Depts X Minors in the Dept X General Education \_\_\_ Other \_\_\_

Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes X No \_\_\_

If yes, identify program(s): Computer Science Certificate Program in Managing Information on the World Wide Web.

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes \_\_\_ No X

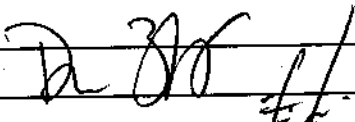
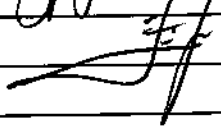
If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any). \_\_\_\_\_

**The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.**

**Approvals:** If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

**Signatures:**

	Date
Department Chair: 	9/20/2006
College Dean or Associate Dean: 	11/16/06
CPSP (for school personnel courses ONLY)	
Associate Vice President and Dean for Academic Programs	

**Distribution:** Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.