



SACRAMENTO  
STATE

# Program Proposal Form B



Academic Group: Engineering and Computer Science	Date of Submission to College Dean: November 21, 2006
Academic Organization: Computer Science	Requested Effective: Fall __, Spring <u>X</u> , 2007 __.
Department Chair: Du Zhang	Contact if not Department Chair:

Title of the Program: Certificate Program in Managing Information on the World Wide Web

Type of Program Proposal:

**Modification in Existing Program:**  
      Substantive Change  
      Non-Substantive Change  
      Deletion of Existing Program

**New Programs**  
      Initiation (Projection) of New Program on to Master Plan  
      New Degree Programs  
          Regular Process  
          Fast Track Process  
          Pilot Process  
      New Minor, Concentration, Option, Specialization, Emphasis  
      New Certificate Program

**PLEASE NOTE:** Form B is to be used only as a Cover Form. Additional information is requested for each of the above as noted in the corresponding procedure in the Policies and Procedures for Initiation, Modification, Review and Approval of Courses and Academic Programs found at <http://www.csus.edu/acaf/univmanual/index.htm>

**Briefly describe the program proposal (new or change) and provide a justification.**

The proposed increase in the number of units of CSC 8 (from 2 units to 3), a required course for this certificate program, will increase the number of units required for this program from 20 to 21. The change in the number of units of CSC 8 more accurately reflects the current course load.

Also, it has been the practice of the department to allow the substitution of CSC 8S for CSC 8. This program change would formalize this practice. (There is also a proposal to increase the number of units from 2 to 3 for CSC 8S.)

**Approvals:**

Department Chair:  Date: 11/21/2006

College Dean:  Date: 11/21/06

University Committee: \_\_\_\_\_ Date: \_\_\_\_\_

Associate Vice President and Dean for Academic Affairs: \_\_\_\_\_ Date: \_\_\_\_\_

**ANALYSIS OF PROGRAM CHANGE PROPOSAL FOR THE CERTIFICATE PROGRAM IN  
MANAGING INFORMATION ON THE WORLD WIDE WEB**

**November 21, 2006**

1. **Form B:** See attached.
2. **Programmatic or Fiscal Impact on Other Academic Units' Programs.** N/A
3. **Fiscal Analysis of Proposed Changes.**
  - a. **How will the proposed changes be accommodated within department/college existing fiscal resources?** The minor increase in number of units (1 unit) will not require additional resources.
  - b. **If the proposed changes will require additional resources, describe the level and nature of additional funding the college will seek.** N/A
  - c. **What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed? Estimate the cost and indicate how these resource needs will be accommodated.** N/A
4. **New/Old Program Requirements:** See attached.

**Proposed Changes:**

1. **Increase the number of units, change title, and add prerequisite for CSC 8.**
2. **Add CSC 8S as an option for CSC 8.**

NEW PROGRAM REQUIREMENTS	OLD PROGRAM REQUIREMENTS
<p>A grade of "C-" or better required in all courses applied to this certificate program, except 8S.</p>	<p>A grade of "C-" or better required in all courses applied to this certificate program ++++++++.</p>
<p>Note: This certificate program is specifically intended for non-computer science students interested in mastering a set of skills for creating and managing information on a web server.</p>	<p>Note: This certificate program is specifically intended for non-computer science students interested in mastering a set of skills for creating and managing information on a web server.</p>
<p>(3) Select one of the following:            CSC 008 Introduction to Internet Technologies (Basic computer literacy recommended) OR            CSC 008S Self-Paced Introduction to Internet Technologies (Basic Computer literacy recommended)</p>	<p>+++++++            ++++++++            ++++++++            ++++++++            ++++++++            ++++++++            ++++++++</p>
<p>+++++++</p>	<p>(2) CSC 008 Exploring the Internet</p>
<p>(3) CSC 022 Visual Programming in BASIC (Intermediate Algebra)</p>	<p>(3) CSC 022 Visual Programming in BASIC (Intermediate Algebra)</p>
<p>(3) CSC 080 Information Exchange on the Web (CSC 008)</p>	<p>(3) CSC 080 Information Exchange on the Web (CSC 008)</p>
<p>(3) CSC 120 Setting Up and Maintaining a Web Server (CSC 080 or instructor approval)</p>	<p>(3) CSC 120 Setting Up and Maintaining a Web Server (CSC 080 or instructor approval)</p>
<p>(3) CSC 121 Using Scripts on the Web (CSC 080 or instructor approval)</p>	<p>(3) CSC 121 Using Scripts on the Web (CSC 080 or instructor approval)</p>
<p>(3) CSC 122* Web Database Systems (CSC 120 or instructor approval)</p>	<p>(3) CSC 122* Web Database Systems (CSC 120 or instructor approval)</p>
<p>(3) CSC 123* Server Side Web Programming (CSC 022 or equivalent experience with Visual Basic or Visual Basic for Applications (VBA); CSC 080 or equivalent HTML skills, CSC 120 recommended)</p>	<p>(3) CSC 123* Server Side Web Programming (CSC 022 or equivalent experience with Visual Basic or Visual Basic for Applications (VBA); CSC 080 or equivalent HTML skills, CSC 120 recommended)</p>
<p>*With advisor approval an elective course from CSC or Communication Studies (COMS) can be used in place of either CSC 122 or CSC 123, but not both.</p>	<p>*With advisor approval an elective course from CSC or Communication Studies (COMS) can be used in place of either CSC 122 or CSC 123, but not both.</p>



SACRAMENTO STATE

# Program Proposal Form B



Academic Group: Engineering and Computer Science	Date of Submission to College Dean: November 21, 2006
Academic Organization: Computer Science	Requested Effective: Fall __, Spring <u>X</u> , 2007 __.
Department Chair: Du Zhang	Contact if not Department Chair:

Title of the Program: Certificate Program in Managing Information on the World Wide Web

Type of Program Proposal:

- Modification in Existing Program:
- Substantive Change
  - Non-Substantive Change
  - Deletion of Existing Program

New Programs

- Initiation (Projection) of New Program on to Master Plan
- New Degree Programs
  - Regular Process
  - Fast Track Process
  - Pilot Process
- New Minor, Concentration, Option, Specialization, Emphasis
- New Certificate Program

**PLEASE NOTE:** Form B is to be used only as a Cover Form. Additional information is requested for each of the above as noted in the corresponding procedure in the Policies and Procedures for Initiation, Modification, Review and Approval of Courses and Academic Programs found at <http://www.csus.edu/acaf/univmanual/index.htm>

Briefly describe the program proposal (new or change) and provide a justification.

The proposed increase in the number of units of CSC 8 (from 2 units to 3), a required course for this certificate program, will increase the number of units required for this program from 20 to 21. The change in the number of units of CSC 8 more accurately reflects the current course load.

Also, it has been the practice of the department to allow the substitution of CSC 8S for CSC 8. This program change would formalize this practice. (There is also a proposal to increase the number of units from 2 to 3 for CSC 8S.)

Approvals:

Department Chair: [Signature] Date: 11/21/2006

College Dean: [Signature] Date: 11/21/06

University Committee: \_\_\_\_\_ Date: \_\_\_\_\_

Associate Vice President and Dean for Academic Affairs: \_\_\_\_\_ Date: \_\_\_\_\_

**ANALYSIS OF PROGRAM CHANGE PROPOSAL FOR THE CERTIFICATE PROGRAM IN  
MANAGING INFORMATION ON THE WORLD WIDE WEB**

**November 21, 2006**

1. **Form B:** See attached.
2. **Programmatic or Fiscal Impact on Other Academic Units' Programs.** N/A
3. **Fiscal Analysis of Proposed Changes.**
  - a. **How will the proposed changes be accommodated within department/college existing fiscal resources?** The minor increase in number of units (1 unit) will not require additional resources.
  - b. **If the proposed changes will require additional resources, describe the level and nature of additional funding the college will seek.** N/A
  - c. **What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed? Estimate the cost and indicate how these resource needs will be accommodated.** N/A
4. **New/Old Program Requirements:** See attached.

**Proposed Changes:**

1. Increase the number of units, change title, and add prerequisite for CSC 8.
2. Add CSC 8S as an option for CSC 8.

NEW PROGRAM REQUIREMENTS	OLD PROGRAM REQUIREMENTS
<p>A grade of "C-" or better required in all courses applied to this certificate program, except 8S.</p>	<p>A grade of "C-" or better required in all courses applied to this certificate program ++++++++.</p>
<p>Note: This certificate program is specifically intended for non-computer science students interested in mastering a set of skills for creating and managing information on a web server.</p>	<p>Note: This certificate program is specifically intended for non-computer science students interested in mastering a set of skills for creating and managing information on a web server.</p>
<p>(3) Select one of the following:            CSC 008 Introduction to Internet Technologies (Basic computer literacy recommended) OR            CSC 008S Self-Paced Introduction to Internet Technologies (Basic Computer literacy recommended)</p>	<p>+++++++            ++++++++            ++++++++            ++++++++            ++++++++            ++++++++            ++++++++</p>
<p>+++++++            (3) CSC 022 Visual Programming in BASIC (Intermediate Algebra)            (3) CSC 080 Information Exchange on the Web (CSC 008)            (3) CSC 120 Setting Up and Maintaining a Web Server (CSC 080 or instructor approval)            (3) CSC 121 Using Scripts on the Web (CSC 080 or instructor approval)            (3) CSC 122* Web Database Systems (CSC 120 or instructor approval)            (3) CSC 123* Server Side Web Programming (CSC 022 or equivalent experience with Visual Basic or Visual Basic for Applications (VBA); CSC 080 or equivalent HTML skills, CSC 120 recommended)</p>	<p>(2) CSC 008 Exploring the Internet            (3) CSC 022 Visual Programming in BASIC (Intermediate Algebra)            (3) CSC 080 Information Exchange on the Web (CSC 008)            (3) CSC 120 Setting Up and Maintaining a Web Server (CSC 080 or instructor approval)            (3) CSC 121 Using Scripts on the Web (CSC 080 or instructor approval)            (3) CSC 122* Web Database Systems (CSC 120 or instructor approval)            (3) CSC 123* Server Side Web Programming (CSC 022 or equivalent experience with Visual Basic or Visual Basic for Applications (VBA); CSC 080 or equivalent HTML skills, CSC 120 recommended)</p>
<p>*With advisor approval an elective course from CSC or Communication Studies (COMS) can be used in place of either CSC 122 or CSC 123, but not both.</p>	<p>*With advisor approval an elective course from CSC or Communication Studies (COMS) can be used in place of either CSC 122 or CSC 123, but not both.</p>