Proposal for a New Course

NOTE: All gray text boxes must be completed (even if you just put N/A into them), otherwise the committee must consider the form incomplete.

1. Department: **Computer Science**

2. Course Number and Title: **CSCI 223, Website Programming**
   Number of Credits: **3**
   Total hrs/week: **3**
   Lecture: Lab: Recitation: Seminar: ____________

For Independent study courses:
Research: Field experience:
Clinical Practice: Internship:
Practicum: Independent Course Work:

3. Semester and year when course will first be offered: **Spring 2011**

4. Catalog Description (please limit to 50 words):
   A course teaching the design and development of interactive Web pages and client-side Web programs using Rich Internet Applications (RIAs). Students will learn how to manage elements of a Web page using the Document Object Model (DOM), create and validate forms, and communicate with Web servers using current Web technologies.

5. Check if appropriate: Humanities:Social Science: (meets minimum degree requirements)
   Check if appropriate:
   This course will be cross listed with:
   Rationale for cross listing:
   Please attach letters of support from the chairs of each department indicating that the department has discussed the proposal and supports it.

5. Prerequisites (or other restrictions):
   **None**

6. Rationale/justification for course (consider the following issues):
   a) What are the goals and objectives of the course?
      The goal is to teach the design and development of interactive Web pages and client-side Web programs using RIAs.
b) How does the course support the mission statement of the department and the organizing principles of the major?

*It serves the needs and interests of a broad spectrum of students, especially non-majors, who see the use of computers as important in their personal or professional development.*

7. a) For courses in the major, how does the course enhance the beginning, middle, or end of the major?

N/A

b) For courses used by non-majors, how does the course support the liberal arts tradition including linkages with other disciplines:

*Linkages exist between Art (design, layout, color, etc.), Psychology (human-computer interaction), Languages (language theory), Business (Web services), Communication (Presentation), and possibly other disciplines.*

8. a) Are other departments affected by this course? Please attach letters of support from the chairs of each department indicating that the department has discussed the proposal and supports it.

No

b) Please explain overlap with any existing courses.

N/A

9. Method of teaching:

Lecture

10. a) Address potential enrollment pattern shifts in the department or college-wide related to the offering of this course:

*No significant shifts are expected because this course has been offered as a special topics course three times. If any shifting has occurred, it is already part of the current enrollment pattern. The course is primarily targeted at non-majors as an elective course. One section per year is expected.*

b) Address potential shifts in staffing of the department as it relates to the offering of this course:

*The department removed one regular offering of CSCI 110 to compensate for offering this course. The instructors may rotate. If demand were to increase, an adjunct would be requested to compensate.*

c) Frequency of offering: *Every Fall*
11. Requirements for additional resources made necessary by this course:

a) Staff:
Only if student demand for this course grows (and presumably associated with a concomitant decline in another course in CS or elsewhere) would an adjunct instructor be requested for this course. Until the number of sections increased by at least 4 would this be the case. The reason is that as one non-major, elective course in CSCI increases in enrollment, we can compensate by reducing the number of sections of other non-major, elective courses that do not populate as well.

b) Budget:
Computers are in place in the lab classroom and budgeted by IT. Software is in place and budgeted by CSCI.

c) Library:
No additional library resources are needed for this course. Sufficient materials exist. The existing budget allocated by the Library for CSCI collections will be used in the future to maintain the requisite holdings.

12. Paste syllabus, reading lists, or any additional documentation that can help the committee evaluate this proposal (a syllabus is mandatory).

Done.

13. Is this course to be added to the Degree Requirements of a Major, Minor, Concentration or List of Approved Electives?
   a) yes   no. This is an elective course. In the future, it may become a required course for one or more of the majors supported by the Computer Science Department.

   b) If yes, complete the Change Degree Requirements form(s) and list the name(s) of the major, minor, concentration and/or list of approved electives here:
14. Signature of Department Chair or Program Director:

Date: _________________________

15. Signature of Dean of School:

Date: _________________________

16. Signature of Provost:

Date: _________________________

17. Signature of Business Affairs Official

Date: _________________________

18. Signature of Curriculum Committee Chair

Date: _________________________

19. Signature of Faculty Senate Secretary:

Date Approved by Senate: _________________________

Completed form should be sent by the Faculty Senate Secretary to the Registrar. After implementation, information concerning the passed course and program changes will be provided by the Registrar to all faculty and staff on campus.

(Form was approved by FCC on 9/1/08 and replaces all others.)