Course Change Form

Course Addition

Prefix & Num. CS 4010

Course Title: Interactive Web Development

1. Course Title: Interactive Web Development
   Prefix & Num. CS 4010

2. Pre-requisite(s): CS 2420
   Co-requisite(s): Instructor permission required: No
   *LEC: 3.00  *LBC w/cr: 0.00  *LNC w/no cr: 0.00  Credits: 3.00
   Clinical: 0.00  Practicum: 0.00  Independent Study: 0.00

3. Semester to be Implemented: Fall, 2008  Day ☒  Extended Day ☐
   Grade type: Regular

4. Cost Code:
   Lab Fee: $0.00  Additional Fees: $0.00  Potential WLF: 3.33

Explanation of Fees:

5. Is this course designed for a specific group? Yes  Who? CIT Majors

6. Catalog Description: ☐ Now in Print, or ☒ Proposed Below:
   Course for students pursuing a degree in CIT. This course will instruct
   students in client-side web development using Javascript.
   Topics include form validation, interactive web page development,
   DOM manipulation, client-side applications, and interaction with
   server-side applications. Students will be required to complete
   programming projects and design web applications. Prerequisites:
   CS 2420 with C- or better. 3 lecture hours per week.

7. Course justification (attach sheets if needed):
   This course will allow our graduates to be prepared to work in
   the current generation of web development environments, such as
   working with JavaScript, DOM and AJAX.

8. Are library resources adequate to support this change? No  If not, how are those resources to be acquired? We will request some of the appropriate materials available in Safari online.

9. Are technical and other resources available? Yes  If not, how are those resources to be acquired?

10. Relationship to the curriculum: Would the course fill a G.E. requirement? No  If yes, which G.E. area?  If it does not fill a G.E. requirement, would the course offer elective credit? Yes

11. Transferability of the course: List comparable courses at other colleges and universities:

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<th>G.E.</th>
<th>Elective</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prefix &amp; Num.</th>
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Approval Signatures:

Dean: ___________________________  Date: 4/7/08

Academic VP: ___________________________  Date: __________