



Course Addition

Originator: Russ Ross

Department: Technology

Replacement Course ID:

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

2. Pre-requisite(s): CS 1410 and VT 3000 Co-requisite(s): Instructor permission required: No
Class Hours/Week: *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 [X] 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 [X] 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 1410 and VT 3000 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:

Table with 6 columns: G.E., Elective, Course Title, Credits, Prefix & Num., Institution. Rows show DSC as a comparable institution.

Approval Signatures:

Dean: [Signature]

Date: 4/7/08

Academic VP: _____

Date: _____