Course Change Form

Date of Request: April 4, 2008

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Course Addition

Prefix & Num.: CS 3410

1. Course Title: **Distributed Systems**

2. Pre-requisite(s): CS 2420 and CS 2810
   - 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? CTT/CS emphasis students

6. Catalog Description: ☐ Now in Print, or ☒ Proposed Below:
   
   Course for students in Computer Science or having interest in computer programming. This course will instruct students in the design and implementation of applications distributed across a network. Topics include message passing, concurrency, synchronization, scalability, and partial failure. Students will be required to complete challenging programming projects. Prerequisites: CS 2420 and CS 2810 with C- or better. 3 lecture hours per week.

7. Course justification (attach sheets if needed):

   Due to cheaper computers and better networking, distributed systems are becoming more prevalent. Our graduates currently do not have opportunity for direct experience in this paradigm. This course will provide this experience.

8. Are library resources adequate to support this change? Yes ☒
   - If not, how are those resources to be acquired?

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:

    | G.E. | Elective | Course Title | Credits | Prefix & Num. | Institution |
    |------|----------|--------------|---------|---------------|-------------|
    | ☐    | ☐       | Distributed and Network Programming | 3       | CS 5200       | USU         |
    | ☐    | ☐       | Network Programming | 3       | CS 3670       | UVSC        |
    | ☐    | ☐       | Client/Server Network Programming | 3       | CS 3730       | WSU         |

Approval Signatures:

Dean: [Signature] Date: 4/7/08

Academic VP: [Signature] Date: [Signature]