Course Change Form

Date of Request: March 23, 2009
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Course Addition

<table>
<thead>
<tr>
<th>Originator: Barton Stander</th>
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<tr>
<td>Department: CIT</td>
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<td>Replacement Course ID:</td>
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1. Course Title: Discrete Mathematics
   Prefix & Num. CS 3310

2. Pre-requisite(s): MATH 1210
   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, 2009
   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? Computer Science students

6. Catalog Description: ☐ Now in Print, or ☒ Proposed Below:

   Course for students in Computer Science or Mathematics, or having an interest in the theory of counting and its applications. This course will instruct students in mathematical reasoning, combinatorial analysis, sets, permutations, relations, computational complexity, and boolean logic. Students will be required to complete homework and programming assignments.

7. Course justification (attach sheets if needed):

   The Discrete Mathematics course from the MATH department will be taught differently now. This course is required for Computer Science students.

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:

<table>
<thead>
<tr>
<th>G.E. Elective</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prefix &amp; Num.</th>
<th>Institution</th>
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<tr>
<td>☐</td>
<td>Discrete Mathematics</td>
<td>3</td>
<td>MATH 3310</td>
<td>USU</td>
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Approval Signatures:

Department Chair: Curtis G. Jensen Date: 3/23/09

Associate Dean/Dean: Howard L. Bauer Date: 3/23/09

Curriculum Chair: __________________________ Date: __________

Academic VP: __________________________ Date: __________