Course Change Form

Date of Request: February 19, 2009
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Course Addition

1. Course Title: **Introduction to Complex Analysis**
   
   **Prefix & Num:** MATH 4200

2. Pre-requisite(s): MATH 3200
   
   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, 2009
   
   Day ☑ Extended Day ☑ Grade type Regular

4. Cost Code: NAT 105
   
   Lab Fee: 0
   
   Additional Fees: $0.00
   
   Potential WLF: 3

Explanation of Fees:

5. Is this course designed for a specific group? No

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

   An overview of basic theory and applications of complex variables. Topics include analytic functions, contour integration, and conformal mappings. Prerequisite: MATH 3200. 3 lecture hours per week.

7. Course justification (attach sheets if needed):

   This course can be used to fulfill Level 4 Endorsement for Utah State math teachers. Also, to be used in the Math degree.

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:

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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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<td>3</td>
<td>MATH 3810</td>
<td>WSU</td>
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<td>Other …</td>
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Approval Signatures:

Department Chair: [Signature]  Date: 3/4/09

Associate Dean/Dean: [Signature]  Date: 3/4/09

Curriculum Chair: [Signature]  Date: 

Academic VP: [Signature]  Date: 