Course Change Form

Date of Request: February 19, 2009
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Course Addition

Originator: Scott Mortensen
Department: MATH
Replacement Course ID:

1. Course Title: Introduction to Analysis II
   Prefix & Num: MATH 3210

2. Pre-requisite(s): MATH 3200
   Instructor permission required: No
   Credits: 3.00
   *LEC: 3.00
   *LBC w/ cr: 0.00
   *LNC w/ no cr: 0.00
   Clinical: 0.00
   Practicum: 0.00
   Independent Study: 0.00

3. Semester to be Implemented: Fall, 2009
   Grade type: Regular
   Day: ☒
   Extended Day: ☒
   Explanation of Fees: $0.00
   Potential WLF: 3.0

4. Cost Code: NAT 105
   Lab Fee: 0
   Additional Fees: 0.00

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

6. Catalog Description: ☐ Now in Print, or ☒ Proposed Below:
   Continuation of MATH 3200. Advanced Multivariable Calculus. Topics
   include continuity, differentiation, chain rule, Riemann integration,
   Fubini's theorem, change of variable formula. 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 credits? Yes

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

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Approval Signatures:

Department Chair: ___________________________ Date: 3/4/09

Associate Dean/Dean: ___________________________ Date: 3/4/09

Curriculum Chair: ___________________________ Date: __________

Academic VP: ___________________________ Date: __________