Catalog Change Form

Document # __________
Date Received __________

CATALOG YEAR _2011-2012 ________
(Please use separate form for each add/change)

COLLEGE/SCHOOL/SECTION: College of Education

Course: Add: _X_ Delete: ___
(check all that apply) Change: Number ___ Title ___ SCH ___ Description ___ Prerequisite ___
__ New course will be part of major _X_ minor ___ as a required ___
or elective ___ course
__ New course will introduce _X_, reinforce ___, or apply _X_ concepts

If new, provide Course Prefix, Number, Title, Measurable Student Learning Outcomes, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current online catalog, provide change and attach text with changes in red and provide a brief justification.

**EDEC 3394 Mathematics Principles for EC-Grade 6** Three Semester Hours

This course focuses on mathematical concepts for Early Childhood through Grade 6. Special emphasis is placed on problem-solving strategies and academic content established in state curriculum guidelines and standards. A grade of "C" or better must be earned to successfully complete the course. Prerequisites: EDEC 2324, MATH 1350 (C or better), admission to the College of Education, and 2.7 overall grade point average.

**Student Learning Outcomes:**

1. Identify knowledge and skill standards for mathematics instruction and assessment in Early Childhood through Grade 6 (EC-Grade 6) settings.

2. Utilize the following Texas Educator Preparation standards found online at:  
   
   a) EC-Grade 6 Mathematics Generalist Standards

   b) Pedagogy and Professional Responsibility Standards I and III (EC-Grade 12)

   I. The teacher designs instruction appropriate for all students that reflects an understanding of relevant content and is based on continuous and appropriate assessment.

   III. The teacher promotes student learning by providing responsive instruction that makes use of effective communication techniques, instructional strategies that actively
engage students in the learning process, and timely, high-quality feedback.

(3) Identify developmentally appropriate mathematics learning outcomes for young children, EC-Grade 6.

(4) Utilize the Prekindergarten Guidelines and K-6 TEKs found online at: http://ritter.tea.state.tx.us/teks/

(5) Plan developmentally appropriate mathematics experiences for all students, EC-Grade 6.


**Program:** Add: ___ Change: ___ Attach new/changed Program of Study description and 4-year plan. If in current catalog, provide change and attach page with changes in red.

**Minor:** Add: ___ Delete: ___ Change: ___ Attach new/changed minor. If in current catalog, provide change and attach page with changes in red.

**Faculty:** Add: ___ Delete: ___ Change: ___ Attach new/changed faculty entry. If in current catalog, provide change and attach page with changes in red.

**College Introductory Pages:** Add information: ___ Change information: ___ Attach new/changed information. If in current catalog, provide change and attach page with changes in red.

**Other:** Add information: ___ Change information: ___ Attach new/changed information. If in current catalog, provide change and attach page with changes in red.

**Approvals:**

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<td>Jennifer M. Coronado, Ph.D.</td>
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<td>Chair, Department</td>
<td>Cathy Guerra</td>
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