

## 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:  Delete:   
 (check all that apply) Change: Number \_\_\_ Title \_\_\_ SCH \_\_\_ Description \_\_\_ Prerequisite \_\_\_  
 New course will be part of major  minor \_\_\_ as a required \_\_\_  
 or elective \_\_\_ course  
 New course will introduce , reinforce \_\_\_, or apply  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:  
[http://www.tea.state.tx.us/index2.aspx?id=6066&menu\\_id=2147483671&menu\\_id2=794](http://www.tea.state.tx.us/index2.aspx?id=6066&menu_id=2147483671&menu_id2=794)
  - 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.
- (6) Demonstrate appropriate mathematics assessment strategies and performance benchmarks for individual children, EC-Grade 6.
- (7) Demonstrate appropriate instructional assessment strategies and performance benchmarks for teachers of children, 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:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean 03/01/10	_____	_____