



College Document # 040

UCC Document # 98

Review Type: Edit Exp X Full

CATALOG YEAR 2014-2015

COLLEGE/SCHOOL/SECTION: College of Education

Course: Add: X Delete:
(check all that apply) Change: Number Title SCH Description Prerequisite

Response Required: New course will be part of major X minor as a required or elective course

Response Required: 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.

EDYC 3394 ~~Math~~ ^{Mathematics} for Young Children
3 Credit Hours

This course provides an introduction to developmentally effective strategies for teaching math to young children. Emphasis is on developmental readiness for math learning (counting; adding to/taking away; geometry/spatial sense; measurement; and classification/patterning), sound math learning environments, math learning centers, effective manipulative materials, and adult-child interactions. Prerequisites: MATH 1314 and 1324 (C or better), EDYC 2324, Admitted to and in good standing in the College of Education.

1. The candidate analyzes the theoretical and practical aspects of math teaching and learning strategies for young children.
2. The candidate investigates cognitive, social, and cultural factors impacting math learning in young children.
3. The candidate investigates national models of mathematical instruction in early childhood.
4. The candidate designs developmentally effective math teaching strategies.

Justification:

This course is a required course in the new Early Learning program (Non-Certification). The EDYC prefix (“young children”) is used for all courses in the major. As a foundational course emphasizing developmentally appropriate math activities, the course provides a theoretical and practical perspective on the development of number concepts in young children.

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

Program Learning Outcomes: Add: ___ Change: ___ Attach listing of program learning outcomes.

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

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

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

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	<u><i>Jennifer M. Coronado</i></u>	<u>1-29-14</u>
Dean	<u><i>Catherine J. Woodman</i></u>	<u>1/29/14</u>

[Signature]
Provost's Signature
Date _____

Note: Document reviewed by entire College Curriculum Committee.