Term Information

Effective Term: Spring 2015
Previous Value: Summer 2012

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)
Withdrawal

What is the rationale for the proposed change(s)?
Course is no longer needed due to redesign of preceding course in series.

What are the programmatic implications of the proposed change(s)?
(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?
None. Recent revisions to the Early Childhood major removed the 5109 requirement.

Is approval of the request contingent upon the approval of other course or curricular program request? No

Is this a request to withdraw the course? Yes

General Information

Course Bulletin Listing/Subject Area: Education: Teaching & Learning
Fiscal Unit/Academic Org: School of Teaching & Learning - D1275
College/Academic Group: Education & Human Ecology
Level/Career: Graduate, Undergraduate
Course Number/Catalog: 5109
Course Title: Teaching and Learning of Mathematics in Grades Pre K - 3, Part II
Transcript Abbreviation: T&L Math PK-3, II
Course Description: Prepares preservice teachers with knowledge, skills of, and ability to use standards, learning theories, pedagogies, assessment, and technology for the teaching and learning of Kindergarten - 3rd, mathematics in a diverse classroom.

Semester Credit Hours/Units: Fixed: 2

Offering Information

Length Of Course: 14 Week, 7 Week
Flexibly Scheduled Course: Never
Does any section of this course have a distance education component? No
Grading Basis: Letter Grade
Repeatable: No
Course Components: Laboratory, Lecture
Grade Roster Component: Lecture
Credit Available by Exam: No
Admission Condition Course: No
Off Campus: Never
Campus of Offering: Columbus, Lima, Mansfield, Marion, Newark

Prerequisites and Exclusions
Prerequisites/Corequisites
Prereq: Enrollment in Early Childhood teaching licensure program, or permission of instructor.

Exclusions
Not open to students with credit for 713.

Cross-Listings

Subject/CIP Code

<table>
<thead>
<tr>
<th>Subject/CIP Code</th>
<th>13.1210</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidy Level</td>
<td>Doctoral Course</td>
</tr>
<tr>
<td>Intended Rank</td>
<td>Senior, Masters</td>
</tr>
</tbody>
</table>

Requirement/Elective Designation
Required for this unit's degrees, majors, and/or minors

Course Details

Course goals or learning objectives/outcomes
- Learn how to base instruction on knowledge of subject matter, curriculum goals, and students in K-3rd grade
- Learn pedagogical practices to guide instruction for K-3rd grade, modify tasks to learners’ needs, plan intervention, and communicate current understanding
- Select and use curricular materials, including manipulatives, software, web-based course tools, and Internet sites that are appropriate and accessible for all students in K-3rd grade
- Familiarize themselves with K-3rd grade formative assessments to guide instruction, modify tasks to learners’ needs, plan interventions, and communicate current understanding (especially to parents and family)

Content Topic List
- Student-Centered Instruction Problem-Based Teaching
- Assessment in early elementary school
- Mathematical Processes in early elementary school
- Number: Meanings of operations in early elementary school
- Number: Whole number computation
- Number: place-value concepts
- Number: fractions & decimals
- Geometry in early elementary school
- Data Analysis & Probability in early elementary school
- Algebraic Thinking in early elementary school
- Measurement in early elementary school

Attachments

Comments
- Approved by UGSC 8-29-14. (by Mercerhill, Jessica Leigh on 09/02/2014 12:32 PM)
## Workflow Information

<table>
<thead>
<tr>
<th>Status</th>
<th>User(s)</th>
<th>Date/Time</th>
<th>Step</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submitted</td>
<td>Mercerhill,Jessica Leigh</td>
<td>07/16/2014 12:58 PM</td>
<td>Submitted for Approval</td>
</tr>
<tr>
<td>Approved</td>
<td>Mercerhill,Jessica Leigh</td>
<td>09/02/2014 12:32 PM</td>
<td>Unit Approval</td>
</tr>
<tr>
<td>Pending Approval</td>
<td>Achterberg,Cheryl L</td>
<td>09/02/2014 12:32 PM</td>
<td>College Approval</td>
</tr>
<tr>
<td></td>
<td>Warnick,Bryan R.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zircher,Andrew Paul</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Odum,Sarah A.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>