Term Information

Effective Term: Spring 2013
Previous Value: Summer 2012

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)
Number change to 5000 level.

What is the rationale for the proposed change(s)?
This course is an endorsement course for soon-to-be licensed and currently licensed teachers. The 6000 level does not allow many of our teachers who enroll through the Office of Continuing Education to enroll.

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)?
We will see a major drop in enrollments if the target population has to apply for graduate non-degree status instead of keeping their Continuing Ed status. We will also have to petition every senior level student who is eligible to take the course.

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? No

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
Previous Value: Graduate
Course Number/Catalog: 5283
Previous Value: 6282
Course Title: Teaching Mathematics, Science and Culture in 4th and 5th Grades
Transcript Abbreviation: 4/5 Tch Mth/Sc/Cul
Course Description: Related to teaching mathematics and science with consideration of pedagogy, content, assessment and equity.
Semester Credit Hours/Units: Fixed: 3

Offering Information

Length Of Course: 14 Week, 7 Week, 12 Week (May + Summer)
Flexibly Scheduled Course: Never
Does any section of this course have a distance education component? Yes
Is any section of the course offered 100% at a distance
Grading Basis: Letter Grade
Repeatable: No
Course Components: Lecture
Grade Roster Component: Lecture
Credit Available by Exam: No
Admission Condition Course: No
Off Campus
Campus of Offering

Prerequisites and Exclusions
Prerequisites/Corequisites
Exclusions
Not open to students with credit for 682.

Cross-Listings

Subject/CIP Code
Subject/CIP Code
13.1203
Subsidy Level
Professional Course
Intended Rank
Senior, Professional
Previous Value
Professional

Quarters to Semesters
Quarters to Semesters
Modified or re-envisioned course that includes substantial parts of the content and learning goals of one or more quarter courses
List the current courses by number and title that are to be subsumed into proposed course

Requirement/Elective Designation
The course is an elective (for this or other units) or is a service course for other units

Course Details
Course goals or learning objectives/outcomes
• Issues, trends, and standards in mathematics and science education as related to content, instruction, equity and social justice, and assessment in the 4th and 5th grades
• Effective methods and instructional resources to teach mathematics and science to diverse groups of students in the 4th and 5th grades; the relationships among the content topics between mathematics and science relevant to the 4th & 5th grades
• The assessment, evaluation, and application of research or adaptation of instruction as available in professional resources on curriculum, instruction, equity and social justice, and assessment relevant to 4th and 5th grades

Content Topic List
• Models on integrating mathematics and science related to teaching for critical consciousness
  How teaching by inquiry, teaching mathematics in context, and relational learning in mathematics support Gutstein's concept of social agency
• Instructional skills needed by teachers to effectively facilitate science inquiry lessons and mathematical lessons focused on the mathematical processes
Attachments

Comments

* Approved by GSC May 16, 2012. (by Mercerhill, Jessica Leigh on 05/16/2012 11:53 AM)

Workflow Information

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<td>05/16/2012 09:05 AM</td>
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<td>05/16/2012 11:53 AM</td>
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