Section 1. Existing Course Title and Description

Prefix & No.	Course Title	Credits
MATH 345	Mathematics for Primary Grades II	3

Course Description
A second course for students in the early childhood education program to develop an advanced understanding of the nature of mathematics, with an introduction to the structure of mathematics and its application to teaching Birth to Age 8 mathematics including such topics as logic, number systems, and consumer mathematics.

Section 2.

MATH 245 Mathematics for Primary Grades I (3 cr.) and MATH 345 Mathematics for Primary Grades II (3 cr.) to ECE students, however, these courses focus primarily on math content. Students need to better understand the content by learning how to implement the content for children ages PreK thru 3rd grade. After speaking with the past and current math instructors who taught these two courses, it was determined a 1-credit lab should be added to MATH 345 to help with implementation of the content in PreK-3rd grade classrooms. This 1-credit lab would be taught by an ECE instructor, so students better understand how to take the math content and implement it (pedagogically) within a PreK-3rd grade classroom. In addition, the ECE program implements an employer survey 1-2 years after ECE students become employed. The ECE program would like to increase the employer ratings of SDSU students' knowledge and implementation of content within PreK-3rd grade classrooms. These survey results and the Praxis scores are used for CAEP Accreditation standards as key assessments. One of the ECE instructors with math knowledge and experience will teach this 1-credit lab.

Section 3. Other Course Information

3.1. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course database?   Yes   No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

	Current		**New**
Change in Banner Department Code	SMAS	to	No change
Change in CIP Code	27.0101	to	No change