



## Course Approval Request Form

Use this customized approval request form to print and share with your district or state teaching licensure authority when seeking approval for a Professional Development Institute course.

### About PDI

The Professional Development Institute (PDI) has been offering quality online courses to K-12 educators for decades and providing training to teachers across the globe. Every PDI course is approved for graduate-level credit through the prestigious University of California San Diego Division of Extended Studies, ranked in the top ten universities in the United States.

UC San Diego is part of the University of California system and is accredited by the Western Association of Schools and Colleges Senior College and University Commission (WSCUC).

Every PDI course is instructor-led and includes practical strategies for immediate implementation into the classroom, opportunities to interact with the instructor and other participants, rich content, and valuable assignments. Every PDI course is approved as 3 1/3 semester units (or 5 quarter units) of graduate-level credit, equivalent to 50 training hours. Teachers must spend a minimum of three weeks in each course (consecutively, when taking multiple courses) before a final grade is released.

### Teacher Information

<b>Last Name:</b>	<b>First Name:</b>	<b>ID #:</b>
<b>School Name:</b>	<b>Address:</b>	
<b>Email Address:</b>	<b>Grade Level:</b>	<b>Daytime Phone:</b>

Course Number and Title:

**108T02/ EDUC40223 Supporting Math Foundational Skills in the Primary Grades**

I am taking this course:

\_\_\_\_\_ for 3 1/3 semester unit of graduate level credit. Upon completion, I will receive a transcript from UC San Diego Division of Extended Studies.

\_\_\_\_\_ As an in-service course. I may request a PDI Grade Report to document my completion.

*\*This course is approved as 50 training hours, whether taken for graduate credit or in-service.*

Course Description:

Do you find that your K-3 students often struggle with the most basic of mathematical principles? Do you want to find a way to better support those students as they learn to unlock the gift of mathematics? The intent of this course is to provide a toolbox of both information and activities that K-3 teachers can use to support students who struggle to understand and grasp both the meaning and the manipulation of basic math principles. Some of the topics include counting and cardinality, counting objects, rote counting, number sense of quantity, counting on and back, operations of addition and subtraction, composing and decomposing numbers, the application of mathematical foundational skills within the problem-solving process, and guiding students to use their problem-solving and critical-thinking skills to make real-world connections. Teachers will also learn how to determine student levels and how to choose and design assessments to best utilize the resources that are available within a typical math curriculum. As teachers work through this course, they will learn how to create meaningful and engaging activities in order to promote student ownership, and they will learn how to establish home connections so that those mathematical habits of mind can flourish. By the end of this course, teachers will feel like they have the tools and strategies needed to effectively teach math foundational skills.

Seeking approval for:

\_\_\_\_\_ recertification/relicensure

\_\_\_\_\_ personal and/or professional growth

\_\_\_\_\_ district or state requirement

Signature

Date