

# NON-CREDIT: BRIDGE TO COLLEGE LEVEL MATHEMATICS

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## Program Description

The Certificate of Completion in Bridge to College Level Mathematics prepares students to retake the placement test and helps students build skills for greater success in their next math course. Additionally, students who complete the program will demonstrate improved numerical literacy and quantitative reasoning skills necessary for future progression in math courses. Students will learn, practice skills, and problem solve in arithmetic, beginning algebra, and intermediate algebra. Topics will include: Addition, subtraction, multiplication and division of whole numbers, fractions, decimals, and signed numbers; order of operations with real numbers; understanding ratios and proportions; solving linear equations and inequalities, including percents and proportions; solving systems of linear equations; using exponents; factoring; graphing and analyzing linear equations; evaluating expressions involving square roots.

Learn more about the program on the [Physical Sciences, Mathematics and Engineering website](#).

## Program Learning Outcomes

- Students will demonstrate improved numerical literacy and quantitative reasoning skills necessary for future progression in math courses.

## Award Type(s)

- CC = Certificate of Completion

## Hours Required

- Certificate(s): 110-410

## Certificate Requirements

### Bridge to College Level Mathematics Certificate of Completion

- Hours: 110-410 [Non-Transcriptable]

Code	Title	Units
NCBS 403A	BRIDGE TO COLLEGE LEVEL MATHEMATICS I	25
NCBS 403B	BRIDGE TO COLLEGE LEVEL MATHEMATICS II	25
NCBS 405	SUPPLEMENTAL INSTRUCTION: PHYSICAL SCIENCE, MATH & ENGINEERING	60-360
<b>Total Hours</b>		<b>110-410</b>