

NON-CREDIT: BASIC SKILLS (NCBS)

NCBS 403A • BRIDGE TO COLLEGE LEVEL MATHEMATICS I

Units:	0
Hours:	25 lecture per quarter (25 total per quarter)
Degree and Credit	Non-Degree-Applicable Non-Credit Course
Status:	Basic Skills, 3 Levels Below Transfer
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Part one of a bridge to college level mathematics program for students who seek to refresh mathematical reasoning, computational skills, and test-taking strategies. Topics include mathematical skills from arithmetic and pre-algebra.

NCBS 403B • BRIDGE TO COLLEGE LEVEL MATHEMATICS II

Units:	0
Hours:	25 lecture per quarter (25 total per quarter)
Advisory:	Completion of NCBS 403A.
Degree and Credit	Non-Degree-Applicable Non-Credit Course
Status:	Basic Skills, 2 Levels Below Transfer
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Part two of a bridge to college level mathematics program for students who seek to refresh mathematical reasoning, computational skills, and test-taking strategies. Topics include mathematical skills from beginning algebra and intermediate algebra.

NCBS 405 • SUPPLEMENTAL INSTRUCTION: PHYSICAL SCIENCE, MATH & ENGINEERING

Units:	0
Hours:	60-360 hours laboratory total per quarter.
Degree and Credit	Non-Degree-Applicable Non-Credit Course
Status:	Basic Skills, 1 Level Below Transfer
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

An open-entry, open-exit course for students who seek academic support, through supplemental instructions and use of computers, to fill in missing prerequisite knowledge and strengthen skills developed in a referring course or courses as follows: ACTG 1A-C, 1BH-CH, 51A-C, 52, 53, 58, 59, 60, 64A-B, 65, 66, 67, 68A-C, 75, 76; ANTH 1; ASTR 10A-B, 10BH, 10L, 54H; BIOL 1A-D, 8, 9, 10, 12, 13, 14, 15, 40A-C, 41, 45; CHEM 1A-C, 12A-C, 12AL-CL, 25, 30A-B; C S 1A-C, 2A-C, 3A-C, 10, 18, 20A, 22A, 30A-E, 31A, 40A, 48A, 49, 50A-C, 52A-B, 53A-D, 54D, 56B, 63A, 64A, 77A-B, 80A, 81A, 84B; ECON 1A-B, 9, 9H, 25, 54H; ENGR 6, 10, 11, 35, 37, 37L, 45, 47, 70R; GEOG 1; MATH 1A-D, 1AH-BH, 1AHP-BHP, 2A-B, 10, 12, 17, 22, 42, 44, 48A-C, 70R, 105, 180, 217, 248A; NCBS 403A-B; PHYS 2A-C, 2AM-CM, 4A-D, 6, 12, 70R.

NCBS 443A • JUST-IN-TIME SUPPORT FOR C S 3A

Units:	0
Hours:	2.5 lecture per week (30 total per quarter)
Corequisite:	C S 3A.
Degree and Credit	Non-Degree-Applicable Non-Credit Course
Status:	
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

A just-in-time approach to the core prerequisite skills, competencies, and concepts needed in C S 3A. Intended for students who are concurrently enrolled in C S 3A at Foothill College. Topics include: installation of an integrated development environment and other software, navigating a file system hierarchy, developing a logic-based approach to programming, identifying errors in a program using a debugger and other means.

NCBS 448A • JUST-IN-TIME SUPPORT FOR MATH 48A

Units:	0
Hours:	2.5 lecture per week (30 total per quarter)
Corequisite:	MATH 48A.
Advisory:	Demonstrated proficiency in English by placement via multiple measures OR through an equivalent placement process OR completion of ESLL 125 & ESLL 249.
Degree and Credit Status:	Non-Degree-Applicable Non-Credit Course Basic Skills
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

A just-in-time approach to the core prerequisite skills, competencies, and concepts needed in Precalculus I. Intended for students majoring in science, technology, engineering, and mathematics who are concurrently enrolled in MATH 48A at Foothill College. Topics include: a review of computational skills developed in beginning and intermediate algebra, including factoring, graphing linear equations, solving absolute value equations and inequalities, analyzing functions, including quadratic functions.

NCBS 449 • FOUNDATIONS OF COMPUTER PROGRAMMING

Units:	0
Hours:	4 lecture, 2 laboratory per week (72 total per quarter)
Advisory:	Intermediate Algebra or equivalent.
Degree and Credit Status:	Non-Degree-Applicable Non-Credit Course Basic Skills
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Introduction to basic computer programming concepts using an object-oriented language. Topics include the software life-cycle, procedural vs. object-oriented programming, IDE and debugging, documentation, and coding conventions. Using an object-oriented computer language, students will explore data types, basic data structures and algorithms, control structure, console and file I/O, functions, error handling and testing.