

Board of Trustees Agenda Item

Board Meeting Date: January 5, 2010

Title of Item:

Approval of Non-Credit Program: Mathematical Foundations

Background and Analysis:

Foothill seeks board approval for application to the State Chancellor's Office for the Certificate of Completion, Mathematical Foundations. This certificate is made up of NCBS 401A and 401B for a total of 60 hours of instruction.

The Mathematical Foundations certificate is a bridge to college program that focuses on the development of quantitative thinking skills within the context of:

- The culture of the classroom;
- The development of basic mathematical literacy skills to enhance future success.

This new certificate has been approved by Foothill's curriculum committee.

Recommendation: (specify if information only)

Foothill administration recommends approval of the Non-Credit: Mathematical Foundations Program.

Submitted by:	Denise Swett, Peter Murray
Additional contact names:	Judy Miner
Is backup provided?	Yes.



**Noncredit Program Application
Career Development and College Preparation
(Section 55151 – SB 361 Enhanced Funding)**

**College: Foothill College
District: Foothill-DeAnza Community College District**

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Thank you. Your application has been successfully submitted.

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App Confirmation No. **091209194939**

Date:

12/09/2009

Contact Person:

First Name: **Denise**

Last Name:

Swett

Title: **Associate Vice President**

Email:

swettdenise@foothill.edu

Phone: **650-949-6952** Ext:

Fax:

650-949-6979

1. Certificate Title: **Mathematical Foundations Certificate of Completion**

Certificate TOP Code: **4930.41**

Total Instructional Hours: **60**

2. Certificate is designed to result in a:

- Noncredit Certificate of Completion leading to improved employability or job opportunities; or
- Noncredit Certificate of Competency in a recognized career field articulated with degree-applicable coursework, completion of an associate degree or transfer to a baccalaureate institution.

YOUR RESPONSE:

- **Noncredit Certificate of Completion leading to improved employability or job opportunities**

3. Certificate's primary eligibility category:

- Short-Term Vocational programs with high employment potential;
- Elementary or Secondary Basic Skills;
- Workforce preparation in the basic skills of speaking, listening, reading, writing, mathematics, decision-making, and problem-solving skills that are necessary to participate in job-specific technical training;
- English as a Second Language (ESL) or Vocational English as a Second Language (VESL).

YOUR RESPONSE:

- **Elementary or Secondary Basic Skills;**

4. (Short-term vocational programs only) Please provide evidence of high employment potential:

- a. Area of instruction is on list of Occupational Titles with High Employment Potential Areas as defined by EDD. (http://www.cccco.edu/divisions/esed/aa_ir/NONCREDIT/noncredit_attachments/Occupational%20Titles%20for%20Noncredit%20Courses.xls.)
- b. Current labor market or job availability data/research and identified data source are attached with an explanation of how the data is verified. (*Select an EDD contact and upload Labor Market information.*)

YOUR RESPONSE:

- **No response was needed for this question because "Short-Term Vocational programs with high employment potential" was not chosen in Question 3.**

5. Certificate Program Requirements:

	# of Courses	# of Hours
a. Total core requirements:	2	60
b. Total elective requirements:	0	0

6. Provide a description and discussion of how the program or sequence of courses will prepare the student for improved employability or job opportunities or to successfully complete college courses for a recognized career field, to complete an associate degree, or to transfer to a baccalaureate institution. (1,000 character limit)

YOUR RESPONSE:

This program is designed for students needing the lowest level of mathematics, whole numbers and fractions, in preparation for entering credit mathematics classes. Upon completion of this program students will be able to enroll in Math My Way, a self-paced mathematics program designed for the student to move from level to level of math as they prepare to enter into a career field, associate degree or transfer.

7. Certificate courses:

Course Control No.	Course ID	Course Title	DED Code CB22	TOP Code	Curriculum Committee Approval Date	Governing Board Approval Date	Previously Approved by The System Office	Core hours	Elect Hours	Cert Hours
1 FHNCBS401A	NCBS401A	Mathematical Foundations for College Part I	C	4930.41	10/20/2009	12/07/2009	NO	20	0	20
2 FHNCBS401B	NCBS401B	Mathematical Foundations for College Part II	C	4930.41	10/20/2009	12/07/2009	NO	40	0	40

8. Uploaded Course Outlines.

- 422.091209194939.05_ncbs_401a.pdf
- 422.091209194939.05_ncbs_401b.pdf

Application Confirmation Number: 091209194939

Certificate Title: **Mathematical Foundations Certificate of Completion** Date: **12/09/2009**

9. Signature Page:

- All new courses have been approved by the local curriculum committee and governing board in accordance with Title 5, §55002 (c) and form CCC-456 and course outlines have been submitted to the System Office.
- The related certificate has been approved by the local governing board.
- The related certificate is pending local governing board approval.

YOUR RESPONSE:

- All new courses have been approved by the local curriculum committee and governing board in accordance with Title 5, §55002 (c) and form CCC-456 and course outlines have been submitted to the System Office.
- The related certificate has been approved by the local governing board.

Foothill College	
12/10/09 Date	Carolyn Holcroft Chair, Curriculum Committee Typed Name
12/10/09 Date	Shirley Barker (Acting) Chief Instructional Officer Typed Name
11 DEC 2009 Date	Dolores Davison President, Academic Senate Typed Name>