

STEM CORE

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Why join STEM Core?

Have you thought about a career in STEM but are overwhelmed by the math requirements? Are you curious about what a typical day looks like for an engineer? Do you wonder how an app is made? If so, join STEM Core! For more information visit:

foothill.edu/stemcore or svcareerpathways.org

Did you know?

Foothill-Deanza Police Department tweets hourly parking updates? Follow them on Twitter @FHDA_Police so you're never late to class again!

A Look Ahead

Jan. 9: Winter Quarter Starts

January 13: Quiz #1

January 16: MLK Observance - campus closed

January 18: Quiz #2

January 20: Exam #1

January 25: Quiz #3

January 31: Quiz #4



Fall Quarter Summary We're off to a great start! STEM Core students had a successful fall quarter with an overall 88% success rate in three courses (Engr 49, CS 49, and Math 105). Figures A and B below display course completion rates for STEM Core students and non-STEM Core students, respectively.

Figure A: STEM Core Fall 2016 Course Completion Rate

		Success		Nonsuccess		Withdraw		Total	
		HC	Percent	HC	Percent	HC	Percent	HC	Percent
C S	F049.	9	70%	2	17%	2	13%	13	100%
ENGR	F049.	14	96%			1	4%	15	100%
MATH	F105.	10	100%					10	100%
Total		33	88%	2	6%	3	6%	38	100%

Figure B: Non-Stem Core Fall 2016 Course Completion Rate

		Success		Nonsuccess		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
C S	F049.	19	80%	1	2%	4	18%	24	100%
ENGR	F049.	4	73%			1	27%	5	100%
MATH	F105.	11	53%	6	29%	3	18%	20	100%

Math Workshops

With the accelerated pace for this quarter, we will be holding biweekly math workshops. STEM Core's embedded tutor is to lead the one-hour workshops, overseen by the STEM Coordinator.

Schedule for workshops:

1/12/17: 1:30pm-2:30pm in RM 4306

1/17/17: 1:30pm-2:30pm in RM 4306

1/19/17: 12:00pm-1:00pm in RM 4306

1/23/17: 12:30pm-1:30pm in RM 4308

1/30/17: 12:30pm-1:30pm in RM 4308

2/2/17: 1:30pm-2:30pm in RM 4306

Upcoming Workshops

1/25 STEM Core 1st Meeting |
12:00pm-1:00pm, room 4306

1/27 Resume Workshop | 12pm -
1pm, room 4306

STEM Center Hours

Need extra tutoring? Want to form a study group? Check out Foothill's STEM Center!

Mon-Thurs 7:30AM-9:00PM

Friday 7:30AM-4:00PM

Saturday 10:00AM-5:00PM

Inquiries

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SLAC Field Trip On Friday, December 2nd, several STEM Core members joined their engineering peers to Stanford's National Accelerator Laboratory. At SLAC, students viewed the world's longest particle accelerator and were split into four interest groups ranging from computer science to chemistry to engineering. Special thank you to STEM Center tutor Mike McCusker for inviting STEM Core on the tour!



STEM Core students in front of Stanford's Linac Coherent Light Source. From left to right: Jack P., Martin M., Cedric A., Mike McCusker (STEM Center Tutor), Tess W., Alex M., Sabine H., Ed M.

Student Spotlight Sabine Hollatz relocated to the Bay Area from Germany where she taught high school biology and chemistry. After moving to the US, Sabine decided to pursue a career outside of pedagogy. In taking various courses at Foothill, ranging from drawing to computer science, she joined the STEM Core program as an opportunity to learn programming. In the future, she plans to pursue a Masters in Software Engineering. When she isn't working in the STEM Center, Sabine loves to travel abroad, run marathons in San Francisco, and rock climb.

