

STEM CORE

Foothill College | March 2017 | Issue 5

Summer Internships

Summer is quickly approaching! In partnership with Growth Sector, you will have the opportunity to apply for 10-week paid internships. As we put the final touches on your resumes, we will prepare to practice phone and in person interview skills and etiquette.

Did you know?

Foothill is sending 3 lucky students to Washington D.C. to participate in the National Science March on April 22nd. To enter the all expense paid trip, submit a 500 word essay or video about why you want to attend the event. The deadline to submit is 5pm on March 22nd in Academic Works.

Women's History Month

STEM Core student Tess W., is leading the charge for Women's History Month! As the head chair, she is coordinating events and panel discussions focusing on women empowerment in the past and now. For more information, check the Foothill Events calendar!



STEM Core students observing a live space stream at NASA Ames From left to right: Kim K., Jack P., Ed M., Jesse A., and Adrian B.

Winter Quarter Update The accelerated quarter is coming to an end! After a grueling and stressful six weeks, 19/21 students successfully passed their first pre-calculus course (MATH 48A). Some of the students struggled with adjusting to a new instructor, while others found the pace of the course to be overwhelming and demanding. The statistics below compare the success rates of STEM Core and non-STEM Core students in the section.

STEM Core End of 48A 6-Week Stats			
Pass Rate	0.904762	19/21	total students passed/total students with letter grade excluding 'W'
Success Rate	0.904762	19/21	total students passed/total students with letter grade including 'W'
NON-STEM Core End of 48A Stats			
Pass Rate	0.5	2/4	total students passed/total students with letter grade excluding 'W'
Success Rate	0.333333	2/6	total students passed/total students with letter grade including 'W'

Job Shadowing @NASA Ames Three STEM Core students were selected for a job shadowing opportunity at NASA Ames during the week of February 27th. The students were paired with a NASA engineer, scientist, or researcher, depending on their preference and major. STEM Core student Kim K. followed a SETI researcher around the facility and had the chance to sit in a team meeting.

Margot Lee Shetterly Screening @NASA Ames On Tuesday, March 7th, five STEM Core students attended an exclusive live screening

LinkedIn Workshops

Special thanks to Gabe Hanzel-Sello from Growth Sector who put together a fantastic LinkedIn training for a few STEM Core students on March 8th!

SVWiE Conference

Are you an aspiring engineer? Would you like to hear empowering women give their insight in the field? Join SJSU for their Women in Engineering Conference at SJSU! For details email mirandadonna@fhda.edu.

San Jose State University
Saturday, March 25, 2017
8:30 a.m. - 7 p.m.

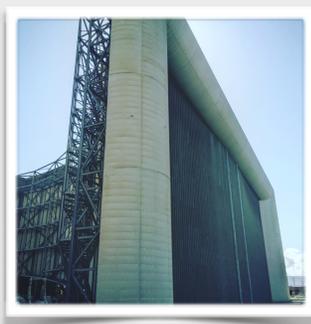
A Look Ahead

Friday, March 17 MATH 48B Exam 2

Wednesday, March 29 CS 1A Final

Thursday, March 30 ENGR 10 Final

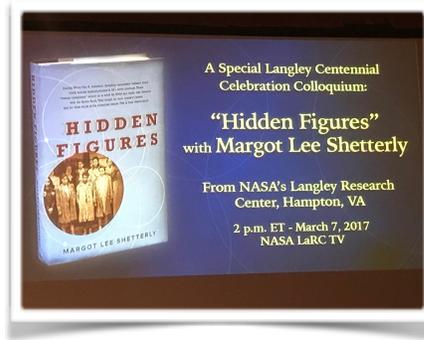
Friday, March 31 MATH 48B Final



Wind Tunnel at NASA Ames. Photo taken by Kim K

Inquiries

Donna Miranda
STEM Core Coordinator
mirandadonna@fhda.edu
650.949.7665 | foothill.edu/stemcore



presentation of Hidden Figures author Margot Lee Shetterly at the Langley Research Center in Virginia. Shetterly discussed the historical context of her book and the prominent women featured in the book and Oscar-nominated film of the same title. The STEM Core students were then greeted by

Yvonne Cagle, one of the few black female astronauts! After the screening, the students were treated to an intimate discussion with three NASA researchers about their educational and career pathways.

Engineering 10 In the Intro to Engineering course, student teams are prepping for their class project. One of the groups plans to test the water in 10% of Foothill's drinking fountains to determine the quality of the water. In mid-February, the students took their first engineering midterm. On average, STEM Core students scored roughly the same as non-STEM Core students in the course. The section scored an average of 91.5 out of 100 points possible. There was a mere .4 difference between STEM Core and non-STEM Core averages at 91.2 and 91.6 points, respectively.



Jesse, Andrew and Diego in Engr 10



Kim K. (center) with Jesse and Adrian

Student Spotlight Kim K. joined STEM Core in Fall 2016 and is pursuing an AS-T in Computer Science. Prior to coming to Foothill College, he held a number of culinary positions in fine dining restaurants from Alaska to California to Chicago. More recently he worked at Google's dining common as a sushi chef. What made Kim decide to go back to school? Kim wanted to learn how to program. After almost two quarters of Java, he is currently working on his own program that filters the cheapest flights on the Internet.