

SANJOSECITYCOLLEGE



MIT - Launching Innovation in Education



REIMAGINING THE 21st CENTURY CLASSROOM

How do we teach students 21st century skills?

How do we educate a new generation of innovators?

What does learning look like today?

TO MEET THE VISION OF 21ST CENTURY EDUCATION, SJCC IS LAUNCHING TECHNEST

Incorporates hands-on technology in the classroom.

Offers innovative online, onsite, and peer-to-peer hybrid learning.

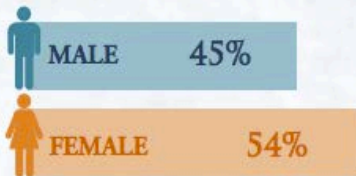
Forges collaborations with industry partners.

SAN JOSE EVERGREEN COMMUNITY COLLEGE DISTRICT AT A GLANCE

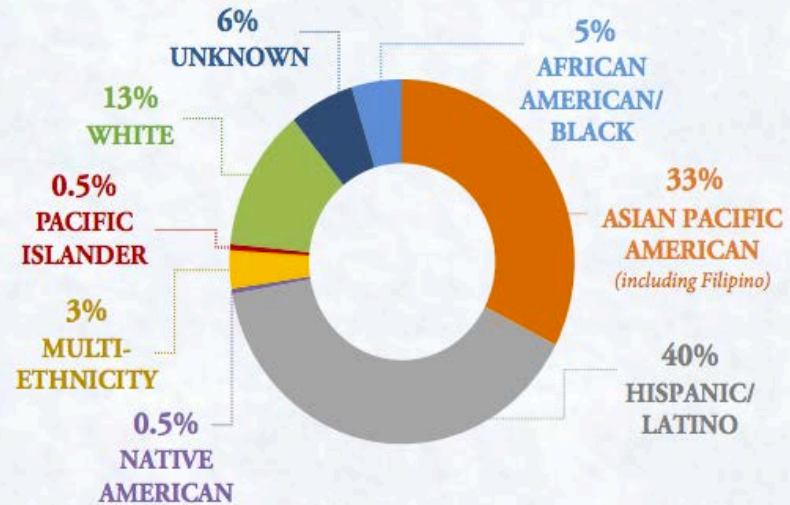
STUDENTS SERVED

26,371

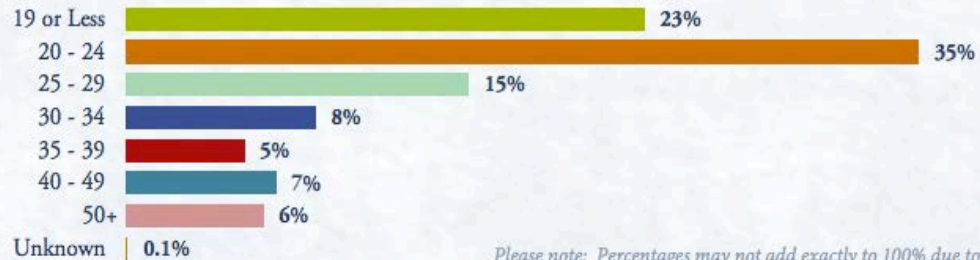
GENDER



STUDENTS ETHNICITY PROFILE



AGE PROFILE



Please note: Percentages may not add exactly to 100% due to rounding.

THE CHALLENGE FOR STEM CAREERS

Highest percentage of all workers in STEM jobs:

San Jose-Sunnyvale-Santa Clara, CA

68%

of employers in the Silicon Valley report facing significant difficulties in securing the talent they need.

Source: http://svlg.org/wp-content/uploads/2011/04/2015_CEOSurvey_Web.pdf

STEM jobs will expand 1.7 times faster than non-STEM jobs between 2010-2020.

50%

of STEM jobs do not require a 4 year degree, but a STEM background is essential.

Source: <https://wallthub.com/edu/best-worst-metro-areas-for-stem-professionals/9200/>

THE TECHNEST SOLUTION

Collaborate with prestigious institutions such as the Massachusetts Institute of Technology (MITx) to offer unique, hybrid programming instruction.

Provide access to computer science education and resources at low cost to the student.

Support from on-site SJCC instructors at the newly constructed Milpitas Extension.

Prepare students for 21st century technology and coding jobs.

SJCC | MITx

Featuring MITx 6.00 Intro Computer Science, the popular online Python instruction course offered by MITx on edX.

No prior programming experience necessary.

Offering additional courses in innovation and entrepreneurship.



MISSION

To support students by providing access to education to help them succeed in STEM careers.

To prepare a diversified workforce for Silicon Valley.



THE FUTURE OF EDUCATION

Level the playing field

Innovate with access to cutting-edge education and existing opportunities in Silicon Valley.

STEM education

Provide to underserved students.

Workforce diversity

Prepare students and transitioning adults with education and training for tech careers.



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Mit | OFFICE OF DIGITAL LEARNING

FOR MORE INFORMATION

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