

**IN-CITE-FUL CONNECTIONS**

Connecting Students to the *Real World*



*February 2017*



**SPRINGS**  
CHARTER SCHOOLS

**Career Internship Technical Education**

**PUBLIC SAFETY &**

**INFORMATION TECHNOLOGY**

*Public Safety Industry Skills Panel*

*November 9, 2016*

MSJC hosted a Public Safety Industry Skills Panel with industry experts from CALFIRE, CHP, RSO, RSO Dispatch Center, Corrections, and local hospitals who talked about their roles in Public Safety.

They discussed job titles such as Police Officer, Firefighter, Emergency Medical Technician, Correctional Officer, Police Dispatcher.



## FINGERPRINT LAB

Public Safety 1 students learn the process of lifting latent fingerprints from different objects in order to identify a potential suspect of stolen property. PS1 students also performed mock interviews of victims whose property was stolen followed by completing a written police report.

### What Are Latent Fingerprints?

Although the word latent means hidden or invisible, in modern usage for forensic science the term latent prints means any chance or accidental impression left by friction ridge skin on a surface, regardless of whether it is visible or invisible at the time of deposition. Electronic, chemical and physical processing techniques permit visualization of invisible latent print residues whether they are from natural sweat on the skin or from a contaminant such as motor oil, blood, ink, paint or some other form of dirt.



"Government is instituted for the common good; for the protection, safety, prosperity, and happiness of the people;

and not for profit, honor, or private interest of any one man, family, or class of men"

*John Adams*



***Public safety workers help make our community and the world a safer place for everyone!***

## CAREERS IN PUBLIC SAFETY

Law Enforcement Officer

Fire Fighter

EMT

Paramedic

Corrections Officer

Public Safety Officer

Crime Scene Technician

Public Safety Records Specialist

Public Safety Dispatcher

911 Dispatch

Emergency Call Taker

Fire Permit Technician

Police Detective

FBI Special Agent





Meet a...

## STUDENT STANDOUT



On January 25, 2017, PS1 student Lauren Mason was sworn in as a Temecula Police Department Explorer. In addition, Lauren has been selected to perform duties as a safety officer with Springs Charter School Cyborg Zombies at competitions. Lauren enrolled in the CTE Public Safety 1 class because she has always been interested in the Public Safety field. Lauren hopes to work in an administrative position with a police department as a records clerk or evidence officer.

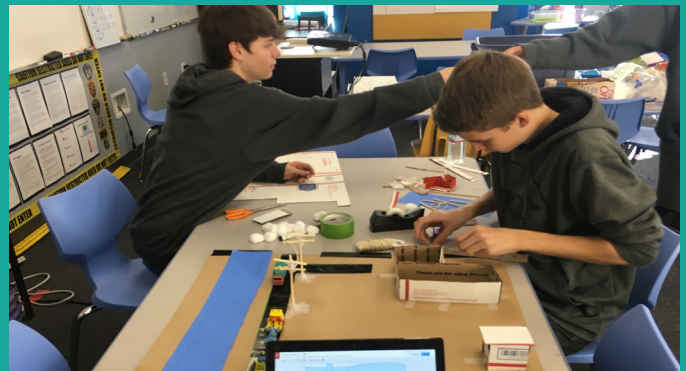


Riverside County Deputy District Attorney Chris Bouffard was a guest speaker at the Public Safety I class on Wednesday, October 19, 2016. Mr. Bouffard spoke about his duties as a deputy district attorney. Mr. Bouffard conducted mock Motion To Suppress hearings with the PS1 students to give a real world view of our 4th Amendment rights. Students were given multiple scenarios involving search and seizure cases while representing the prosecuting attorney, defense attorney, arresting officer and defendant. Mr. Bouffard acted as the judge hearing the Motion to Suppress cases.



*Incident Command System...*

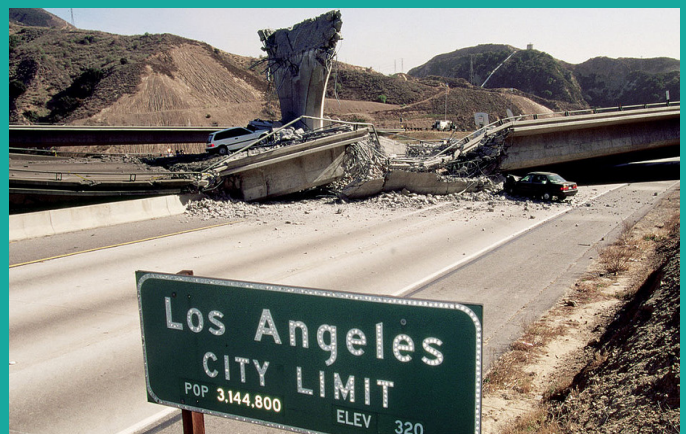
## **GUEST SPEAKER & PROJECT**



On February 1, 2017, Sergeant Dave Little of the California Highway Patrol spoke to the PS1 students about his role as a member of the Incident Management Team where he represents the CHP as a liaison at wildfires throughout California. Sergeant Little shared his knowledge regarding the use of the Incident Command System.

PS1 students successfully earned a Certificate of Achievement from the Federal Emergency Management Agency, FEMA, after taking an independent study course in the Introduction to Incident Command System.

PS1 students were required to apply their knowledge of the Incident Command System through hands on natural disaster scenarios requiring them to create a computer generated diagram of the disaster area and building a diagram.





# INFORMATION TECHNOLOGY

## *Information Technology*

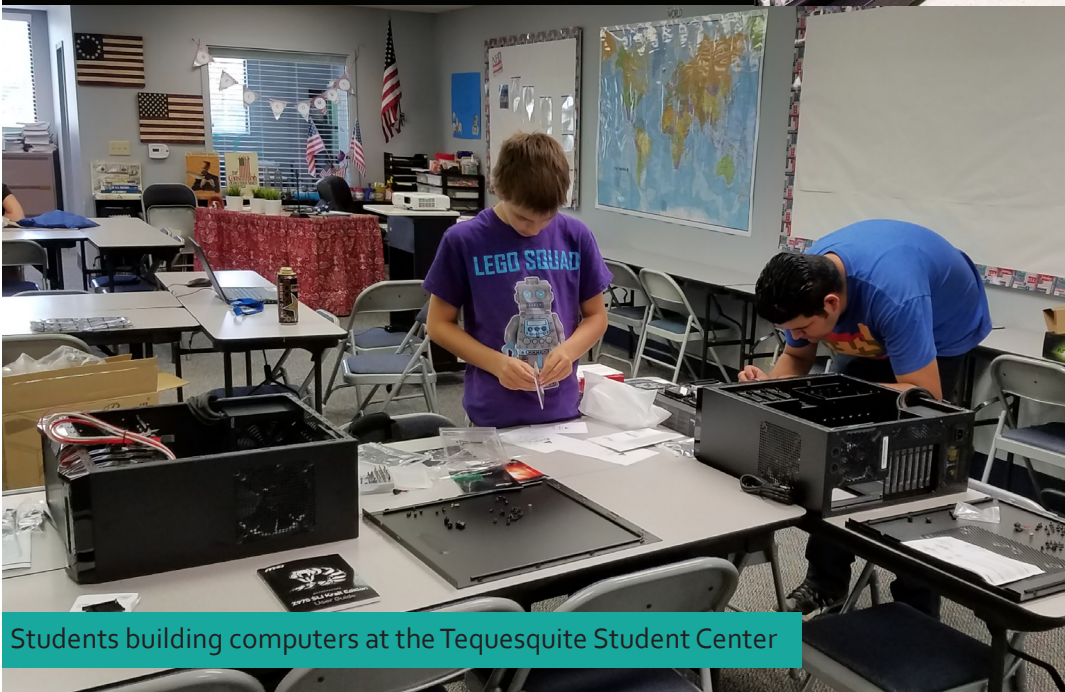
The study or use of systems (especially computers and telecommunications) for storing, retrieving, and sending information.

## *Service and Repair*

A computer repair technician is a person who repairs and maintains computers and servers. Responsibilities may extend to include building or configuring new hardware, installing and updating software packages, and creating and maintaining computer networks.

## *Networking and Security*

Network Security is the process of taking physical and software preventative measures to protect the underlying networking infrastructure from unauthorized access, misuse, malfunction, modification, destruction, or improper disclosure, thereby creating a secure platform for computers, users and programs to perform their permitted critical functions within a secure environment.



Students building computers at the Tequesquite Student Center

## **I.T. CAREER OPTIONS**

- Information security
- Network and cloud technologies
- Hardware, services and infrastructure
- IT management and strategy
- Storage and data
- Web and mobile
- Software development
- Training
- Office productivity



*Sneak Peek...*

# I.T. PATHWAYS

## *New Upcoming Classes*

Next year the Information & Communication Technologies Industry Sector will have two Pathways:

**Information Support & Services:** prepares for careers that involve the implementation of computer services and software, support of multimedia products and services, provision of technical assistance, creation of technical documentation, and the administration and management of information and communication systems. The courses include CTE PC Essentials (foundational), CTE Desktop Professional (concentrator), and CTE Computer Systems & Technologies (capstone).

**Networking Fundamentals:** prepares for careers that involve network analysis, planning, and implementation, including the design, installation, maintenance, and management of network systems. The courses include CTE PC Essentials (foundational), CTE Networking Fundamentals (concentrator), and CTE PC Security (capstone).



## *Earn Industry Recognized Certifications*

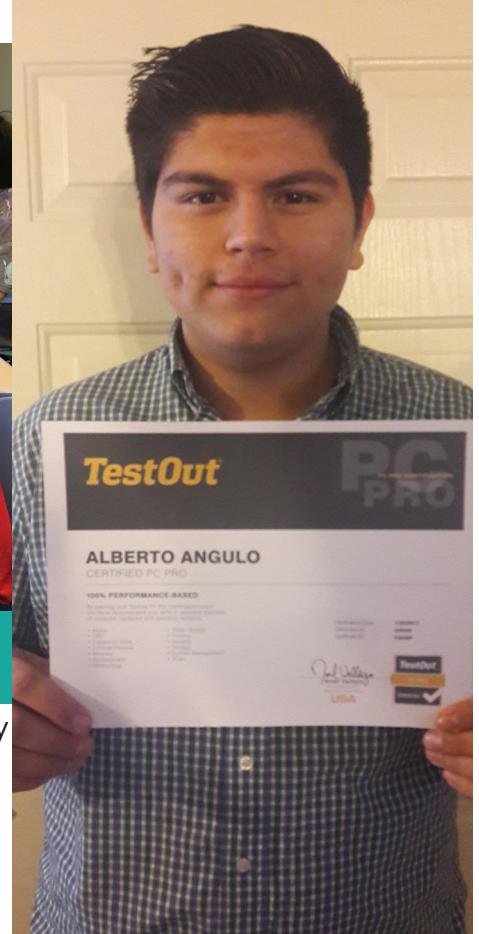
Students in the Information technology pathway will have the opportunity to earn industry recognized certificates. This allows students to have the option to start their careers right out of high school or take these skills on to further education. Certificates that are currently available are CompTIA A+, and CompTIA Networking+. More certifications will become available as new classes are developed.

## *Scholarship Opportunity*

Do you want the opportunity to get paid to go to college? The University of California San Bernardino is offering scholarships for Information Technology students. On top of being able to go to school for free, they will actually pay you to be in the program. Currently the program has 100% employment rates for graduates.

## *Career Opportunities*

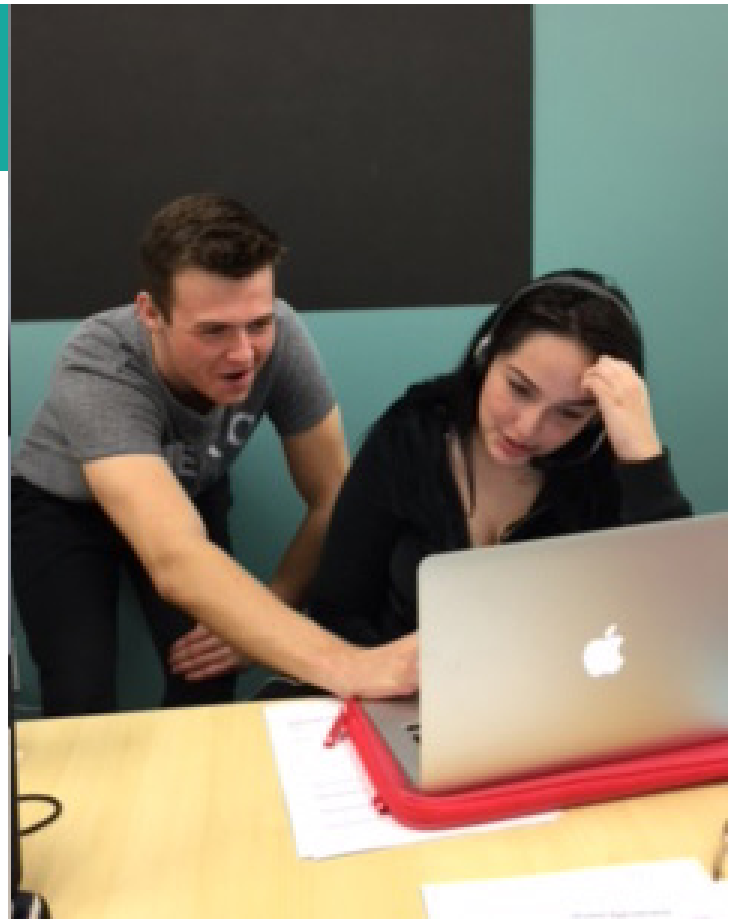
Information Technology and Networking and Security are some the industries expected to have the most growth in upcoming years.



Meet a...

## STUDENT STANDOUT

Dillon Haffner is a senior in the Keys Independent Study program and is currently enrolled in Exploratory Work Experience Education 1 (EWEE 1). In his internship, Dillon helps other Keys students with technology. He chose this as his internship because he has extensive knowledge in the subject. Besides being certified in Microsoft Word and Power Point, with extensive training in Excel, Dillon did a full year of tech internship at an Apple certified school. He has had his own small business repairing iPhones for the past four years. Dillon says working in the tech industry has always come naturally to him and has been an incredible asset to his success as a student, especially in independent study. Says Dillon, "I feel as though my internship has helped me further my knowledge in problem solving and providing useful solutions for a business environment, this has been extremely helpful to me as I am planning to go to school for my business degree. I have applied to SDSU and California State University San Marcos." When asked what advice he would give to other students interested in Work Experience, Dillon replied, "I would tell other students to follow their passion when deciding on an internship, follow a path that is familiar to you but keep in mind that this is something you will be doing for a long time, so make sure you will enjoy it as well."



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