



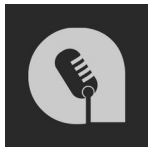
## NEWSLETTER

January 2019

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### CCC WEBSITE

[www.cccwestmont.weebly.com](http://www.cccwestmont.weebly.com)



Listen to Podcasts from college visits you missed!

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### UPCOMING EVENTS

**Thursday 1/10 6:00pm AP Night @ Westmont Cafeteria**

Interested in taking AP Classes next year? Come learn about what is expected in each of the AP Classes.

**Wednesday 1/30 10am-2pm SAT Practice Test @ Westmont**

Come practice taking the SAT Exam. This is a no school day so what better time to practice. Only \$10 and this is a fundraiser for the College and Career Center Student Ambassadors Club to help bring you more exciting events. Sign up at: <https://www.revolutionprep.com/partners/413>

## *Around the Bay Area*

**January 22nd 6pm Medical Explorers Program:** Interested in a job in the medical field? Join the Explorers program at **Valley Medical Center** and learn about various jobs in the medical field. They meet the 4<sup>th</sup> Tuesday of the month at 6pm at 751 S. Bascom Ave. Valley Specialty Center Rm 160 in the Basement in the building next to the Parking Garage. [Youth Application](#) & [Informational Flyer](#)

**February 6th & March 13th SAT Prep Classes:** Future Path Prep has new classes beginning in February at Branham High School and in March at Prospect High School. Classes are 6 evening sessions 2 to 2.5 hours each and cost \$135 for entire series. Sign up now at: [Future Path Prep](#)

## *At Westmont*

### During Study Hall in Library

1/23 University of Arizona

1/24 Paul Mitchell The School, San Jose

1/29 Military Fair (all branches of Military will talk about opportunities)

2/5 and 2/8 PSAT Score Review Workshop - All Sophomores Welcome!

**\*\*NOTE:** Any seniors needing help completing college applications can come to the library after school to work on them. Mrs. Klaus is available to help.

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## ***IMPORTANT DEADLINES***

**1/11 - Registration Deadline for February 9 ACT test**

**2/8 - Registration Deadline for March 9 SAT test**

**2/1 - [COSMOS Application](#)** Deadline - Elite UC Math and Science Summer Program offered at 4 UC Campuses: Davis, San Diego, Irvine and Santa Cruz. Must have 3.5 GPA or higher. Pick a cluster to study. If you have your heart set on a UC in a STEM field, consider this program.

**SENIORS:** Now is the time to start working on **scholarship applications**. There are several listed below that are due either January or February. Check them out!

If you are updating your College List in Naviance with a college that needs your transcript, you must now contact your Counselor to add colleges.

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## ***VOLUNTEER & JOB OPPORTUNITIES***

### *Job Opportunities*

**City of Campbell [Job opportunity/ Work Experience](#).** Receptionist Human Resources. 4-6 hours per week. \$12/hour for Junior/Senior. Get application at <https://www.ci.campbell.ca.us/hr>

**Walmart** Neighborhood Market at Westgate is hiring - apply [online](#).

**Bambino Sitters** is a free babysitting app which connects families with local sitters. It's a great opportunity for students to earn extra money in their free time sitting for local families in the area (they set their own rates, work when they want, qualify for bonuses, etc). [Bambinositters.com](http://Bambinositters.com) Download the free app from the App Store or Google Play.

### *Volunteer Opportunities*

**City of Campbell Volunteer Program.** Fill out an [application](#) and check out the opportunities.

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## **SCHOLARSHIPS**

Seniors should all complete the General Scholarship Application to be considered for local scholarships given at Westmont from Community donors. Link to [General Scholarship Application](#)

**1/10 - [Asian & Pacific Islander American Scholarship Fund](#):**

**\$2500-\$15,000** Must be of Asian or Pacific Islander descent. Min GPA 2.7. Demonstrate Financial Need. [Application Here](#).

**1/31 - [InspirASIAN Scholarship](#). \$1000-\$2000** Any Ethnicity. Min GPA 3.4. Must be a US Citizen or Permanent Resident. [Download application here](#).

**2/1 - [Bay Area All-Star Scholarship](#).** \$5000. Min GPA 3.0 10-12th Grades. Legal resident. Display leadership qualities and community outreach. Requires a teacher letter of recommendation. Official due date is 2/8 but we can only nominate 2 males and 2 females from Westmont. Please submit application to Mrs. Klaus by 2/1 so we can read through all of the applications.

**2/1 - [El Camino Hospital Auxiliary Scholarships](#).** U.S. Citizen or Permanent Resident and California Resident. Enrolled in qualifying program in a medical field in 2019-2020. Check out application in link above for specific fields.

**2/1 - [Elks Legacy Award](#)** \$4000. For children or grandchildren of Elks members.

**2/5 - [Northrop Grumman Engineering Scholars Program](#)** \$8000, Min GPA 3.5, U.S. Citizen, planning to major in one of the following: engineering, computer science, mathematics or physics.

**2/8 - [San Jose Scottish Rite Foundation](#).** Min GPA 3.2. Demonstrated financial need. U.S. Citizen.

**2/20 - [Silicon Valley Community Foundation Scholarships](#)** A variety of scholarships with different requirements. Application opens January 7th and most are due by February 20, 2019.

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## **COLLEGE SPOTLIGHT**



### **University of Arizona** (visiting Westmont 1/23 during study hall)

Named Arizona's Best College by Forbes, the University of Arizona is a public university where teaching, research, service, and innovation merge to improve lives in Arizona and beyond. The UA serves as the state's super land-grant university with two medical schools, producing graduates who are real-world ready to take on today's most pressing challenges

#### **Academics and 100% Engagement**

The UA has more than 100 majors to suit all interests, plus other academic offerings in the form of minors, double majors, double degrees, and dual degrees. It consistently produces some of the world's most employable graduates and ranks No. 1 for undergraduate salary potential among Arizona public universities, according to 2016 ratings by PayScale.com. Students are able to earn their degrees with financial peace of mind thanks to the University's Guaranteed Tuition Plan, which provides a stable rate for tuition and mandatory fees for eight consecutive semesters.

Through its 100% Engagement initiative, the UA guarantees every student the chance to apply their classroom knowledge in new settings before they graduate. Whether it's internships, research projects, volunteering or other opportunities, UA students gain a deeper understanding of the world around them through enhanced learning opportunities, which are formally recognized on their official academic transcripts.

#### **Student Life**

The UA's palm tree-lined campus is located in Tucson, Arizona, where 300+ days of sunshine annually inspire year-round fun and outdoor activities. More than 33,000 undergraduate students and 9,000

graduate students attend the UA. Forty percent of undergraduate students are of a diverse ethnic background.

More than 70% of first-year freshmen live on campus in one of the UA's 23 residence halls, residing within easy walking distance to many campus dining options and the UA's state-of-the-art Student Recreation Center. With 600+ student clubs and organizations, plus Greek life, there are limitless opportunities for students to get involved on campus, discover their passions, and make a difference. The UA is also home to ZonaZoo, one of the largest – and loudest – student cheering section in the Pac-12. The UA has 17 different NCAA Division I sports teams, some of which have repeated national titles.

Students have access to a wide variety of support services across campus. From UA BookStores, where students can buy and sell textbooks, to the THINK TANK, which offers free and fee-based tutoring, there's no shortage of resources dedicated to helping students succeed throughout their college careers.

- **Size:** 34,072 Undergraduates
- **Student to Faculty Ratio:** 22-1
- **Campus Surroundings:** Large City - Tucson
- **Rolling Admission:** Requires Application, ACT or SAT
- **Majors:** Over 100

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## **CAREER SPOTLIGHT**



**Plumbers, Pipefitters, and Steamfitters**

Plumbers, pipefitters, and steamfitters install and repair pipes that carry liquids or gases to, from, and within businesses, homes, and factories.

## Duties

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Plumbers, pipefitters, and steamfitters typically do the following:

- Prepare cost estimates for clients
- Read blueprints and follow state and local building codes
- Determine the material and equipment needed for a job
- Install pipes and fixtures
- Inspect and test installed pipe systems and pipelines
- Troubleshoot malfunctioning systems
- Repair and replace worn parts

The movement of liquids and gases through pipes is critical to modern life. In homes, water is needed for both drinking and sanitation. In factories, chemicals are moved to aid in product manufacturing. In power plants, steam is moved to drive turbines that generate electricity. Plumbers, pipefitters, and steamfitters install and repair these pipe systems.

Although plumbers, pipefitters, and steamfitters perform three distinct and specialized roles, their duties are often similar. For example, they all install pipes and fittings that carry water, steam, air, or other liquids or gases. They determine the necessary materials for a job, connect pipes, and perform pressure tests to ensure that a pipe system is airtight and watertight. Their tools include drills, saws, welding torches, and wrenches.

Plumbers, pipefitters, and steamfitters may use many different materials and construction techniques, depending on the type of project. Residential water systems, for example, use copper, steel, and plastic pipe that one or two plumbers can install. Power plant water systems, by contrast, are made of large steel pipes that usually take a crew of pipefitters to install. Some workers install stainless steel pipes on dairy farms and in factories, mainly to prevent contamination.

In addition to performing installation and repair work, journey- and master-level plumbers, pipefitters, and steamfitters frequently direct apprentices and helpers.

Master plumbers on construction jobs may be involved with developing blueprints that show the placement of all the pipes and fixtures. Their input helps ensure that a structure's plumbing meets building codes, stays within budget, and works well with the location of other features, such as electric wires. Many diagrams are now created digitally with the use of Building Information Modeling (BIM), which allows a building's physical systems to be planned and coordinated across occupations.

The following are examples of types of plumbers, pipefitters, and steamfitters:

**Plumbers** install and repair water, drainage, gas, and other piping systems in homes, businesses, and factories. Plumbers install plumbing fixtures such as bathtubs and toilets, and appliances, such as dishwashers and water heaters. Plumbers also maintain septic systems—the large, underground holding tanks that collect waste from houses that are not connected to a sewer system.

**Pipefitters**, sometimes simply called *fitters*, install and maintain pipes that carry chemicals, acids, and gases. These pipes are used mostly in manufacturing, commercial, and industrial settings. Fitters install and repair pipe systems in power plants, as well as heating and cooling systems in large office buildings. Some pipefitters specialize as gasfitters, sprinklerfitters, or steamfitters.

## Training

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Most plumbers, pipefitters, and steamfitters learn their trade through a 4- or 5-year apprenticeship. Apprentices typically receive 2,000 hours of paid on-the-job training, as well as some classroom instruction, each year. In the classroom, apprentices learn safety, local plumbing codes and regulations, and blueprint reading. They also study mathematics, applied physics, and chemistry. Apprenticeship programs are offered by unions and businesses. Although most workers enter apprenticeships directly, some start out as helpers. The [Home Builders Institute](#) offers a pre-apprenticeship training program in plumbing and other trades.

After completing an apprenticeship program, plumbers, pipefitters, and steamfitters are considered to be journey workers, qualifying them to perform duties on their own. Plumbers with several years of plumbing experience may earn master status by passing an exam. Some states require a business to employ a master plumber in order to obtain a plumbing contractor's license.

## Job Outlook

New job opportunities are very likely in the future. The [Pipe Trades Training Program](#) is accepting applications in January 2019. All applications must be submitted in person on one of the application dates Jan 7th-11th and Jan 14th-18th. You must bring a transcript showing you are on track to graduate and a letter indicating this. Contact Mrs. Klaus [rklaus@cuhsd.org](mailto:rklaus@cuhsd.org) for the transcript/letter if you are interested. .

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|--------------------------------------|-------------------------------------|
| <b>2017 Median Pay</b>               | \$53,590 per year, \$25.38 per hour |
| <b>Typical Entry-Level Education</b> | High School Diploma or equivalent   |
| <b>Number of Jobs, 2016</b>          | 480,600                             |
| <b>Job Outlook, 2016-26</b>          | 16% ( much faster than average)     |
| <b>Employment Change, 2016-26</b>    | 75,200                              |

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*Welcome 2019!*



*this year.*

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*Break a Bad Habit*

*Learn a New Skill*

*Do a Good Deed*

*Visit a New Place*

*Read a Difficult Book*

*Write and Send a Letter*

*Try a New Food*

*Take a Risk*

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