Math and English Academies in full swing
Over 200 students gathered at the Mainstage Theater, as the summer 2017 Math Academy began on Tuesday, August 1, 2017. The ceremony was facilitated by Professor Johnny Perez and featured Professor Laura Fatuzzo as a speaker. Students concluded the ceremony with lunch and the distribution of book vouchers as well as receiving assistance with registering for their upcoming math classes. At the beginning of every semester, the Math Academy delivers a curriculum to help students prepare and acquire efficient skills and confidence for math classes such as pre, elementary and intermediate algebra; statistics, trigonometry, pre-calculus, and calculus.

The Summer Reading and Writing Academy also began Tuesday with Instructor Daniel Perez as lead facilitator. The goal of the Reading and Writing Academy is to help students gain confidence and skills in English reading comprehension and writing by stimulation in an interactive, engaging, and stress-free learning environment.

Hartnell’s Summer Camps = Great Success!
On the week of July 31, 2017 our Track & Field and All-Sports youth camps were hosted by our Hartnell College Men’s and Women’s Track & Field team. The turnout was amazing considering the camps were facilitated consecutively. These two camps were aimed for ages 10-16. The college welcomed an estimated 37 campers for both camps. These teams have hosted 4 camps this summer, serving a total of 137 campers! The clinics are handled by volunteer student-athletes; the all-sports camp
had 5 student-athlete coaches that exposed these youths to sports, such as: disc golf, badminton, pickle ball, field hockey, lacrosse, water polo, table tennis, dodgeball, foot golf, and rugby.

“The purpose for this camp was to build on their current skills and strengths,” stated Hartnell Track & Field Head Coach, Christopher Zepeda. The teams also hosted the Youth Track & Field camp welcoming 25 youth, ages 10-16. This camp also had the help of student-athlete volunteers. The week started off with a quick introduction to all Track & Field events: hurdles, long jump, shot put, pole vaulting and a 40-yard dash. This is a very dynamic camp for both volunteers and campers; coaches give youth some control over their daily schedule by choosing which events they would like to learn first or last.

“Next year, hopefully, we will feature a hiking camp,” added Coach Zepeda.

Rafael Ruvalcaba receives Carl Niizawa Memorial Scholarship

Each year the Monterey Bay American Public Works Chapter awards up to four scholarships to college students pursuing civil engineering or other public works/construction related degrees. For this year, the grants are $1,500 each. Carl Niizawa was an engineer in our local community and was a past President of our local APWA board. On August 2, 2017, Hartnell student Rafael Ruvalcaba received the fifth annual Carl Niizawa Memorial Scholarship by the Monterey Bay Chapter of the American Public Works Association. This is Rafael with María Esther Rodríguez, Assistant Director/City Engineer Public Works and Utilities Department, City of Watsonville.

Rafael, from King City, has completed an associate's degree from Hartnell in Welding Technology plus engineering coursework that propelled him to his transfer to San Jose State State University fall 2017. Congratulations Rafael!

Hartnell student first to join Aquarium summer theater program

The Monterey Bay Aquarium has a growing theatre program, led by Theatre B.A. and Guest Experience Programs Supervisor, Michelle Myers. The theatre education outreach program at the aquarium, which had been struggling prior to Myers' arrival has now become one of the organization's leading attractions, and provides an excellent example of STEAM (Science, Technology, Engineering, Art, Math) initiatives. We are proud to share that for the first time this summer, one of Hartnell's own talented students, Briana Sandoval, has been selected among the pool of auditioners to join the ensemble and is serving an integral part in the team of actors at the aquarium's summer theatre program.
DNA Analysis reveals the origins of Minoans and Mycenaens

An international team of researchers from the University of Washington (UW), the Harvard Medical School and the Max Planck Institute for the Science of Human History, together with archaeologists and other collaborators in Greece, Turkey, and the United States (including biology faculty member Dr. Jeffery R. Hughey at Hartnell College), report the first genome-wide DNA sequence analysis on the Bronze Age inhabitants of mainland Greece, Crete, and southwestern Anatolia. Dr. George Stamatoyannopoulos, UW Medicine professor of Genome Sciences and Medicine, is the senior author on the paper describing the new findings. The research appears in the August 10, 2017 issue of the journal Nature. They analyzed tooth DNA from the remains of 19 ancient individuals who were definitively identified by archaeological evidence as Minoans of Crete, Mycenaeans of mainland Greece, and individuals who lived in southwestern Anatolia. The DNA samples were collected by Stamatoyannopoulos and his archaeologist collaborators, and were initially analyzed in his laboratory by Hughey (pictured). Subsequently, Stamatoyannopoulos began collaborating with Professor Johannes Krause of the Max Planck Institute, who undertook comprehensive genomic DNA sequencing using techniques developed in his laboratory, and Professor David Reich of Harvard Medical School, who worked with Dr. Iosif Lazaridis on collation and statistical genetic analysis of the data. This involved comparing the Minoan and Mycenaean genomes to each other and to more than 330 other ancient genomes and over 2,600 genomes of present-day humans from around the world. Study results show that Minoans and Mycenaeans were genetically highly similar – but not identical – and that modern Greeks descend from these populations. The Minoans and Mycenaeans descended mainly from early Neolithic farmers, likely migrating thousands of years prior to the Bronze Age from Anatolia. While both Minoans and Mycenaeans had both “first farmer” and “eastern” genetic origins, Mycenaeans traced an additional minor component of their ancestry to ancient inhabitants of Eastern Europe and northern Eurasia. The study underscores the power of ancient DNA analysis to solve interesting historical questions, and sets the stage for many future studies that promise to untangle the threads of history, archaeology, and language.

Passing of Veteran John Barajas, Class of 2016

It is with a heavy heart that I inform you of the passing of Hartnell Alumnus John Barajas on Wednesday, July 26, 2017. He suffered kidney failure after a routine checkup and urgent admittance to a local hospital. He is survived by his mom. John was an active member of the Veterans’ Club and the Veterans’ Services Center. He graduated from Hartnell May 2016 with a degree in Advanced Diesel Technology.

Please keep John’s mom and family in your thoughts and prayers as they overcome this unfortunate turn of events.
EOPS Applications available for fall 2017

The Extended Opportunity Program & Services (EOPS) is currently accepting applications for the fall 2017 semester. The EOPS program is designed to assist first generation college students with academic counseling, textbook credits, lending library, student success workshops, priority registration and other support services. Students must be a California resident, enrolled as a full-time student 12 units or more (DSPS student can be enrolled in 6 units) and have completed a FAFSA application for 2017-18. AB 540 students are also eligible to apply for EOPS services. Applications can be picked up at the EOPS office in B-130 or online at www.hartnell.edu/eopscare

Here's a sneak peek to fall sports

### Men's Basketball
- **November**
  - Fri. 10 vs. City College 5:00 pm
  - Sat. 11 vs. College 12:00 pm
- **December**
  - Fri. 29 vs. Footcliff 3:00 pm

### Women's Basketball
- **November**
  - Tue. 7 vs. City College 6:00 pm
  - Thu. 9 vs. City College 5:00 pm
  - Mon. 13 vs. College 5:00 pm
  - Wed. 15 vs. College 3:00 pm
- **December**
  - Wed. 6 vs. Footcliff 3:00 pm

### Men's Volleyball

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Women’s Volleyball</th>
<th>Men’s Football</th>
<th>Men’s Soccer</th>
<th>Women’s Soccer</th>
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<tbody>
<tr>
<td>August</td>
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<tr>
<td>Fri. 25</td>
<td>vs. Point Loma</td>
<td>12:00 pm</td>
<td>TBA</td>
<td>4:30 pm</td>
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<tr>
<td>vs. CSUF</td>
<td></td>
<td>2:00 pm</td>
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<td>Sept. 23</td>
<td>vs. Orange County</td>
<td>1:00 pm</td>
<td>TBA</td>
<td>4:30 pm</td>
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<tr>
<td>vs. CSU East</td>
<td></td>
<td>3:00 pm</td>
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<tr>
<td>Wed. 27</td>
<td>vs. College</td>
<td>6:30 pm</td>
<td>TBA</td>
<td>4:30 pm</td>
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<tr>
<td>vs. College</td>
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<tr>
<td>Fri. 29</td>
<td>vs. WSC</td>
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<td>4:30 pm</td>
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<tr>
<td>vs. WSC</td>
<td></td>
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<tr>
<td>Oct. 6</td>
<td>vs. CSUF</td>
<td></td>
<td>TBA</td>
<td>4:30 pm</td>
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<tr>
<td>vs. City College</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
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<tr>
<td>Wed. 18</td>
<td>vs. City College</td>
<td></td>
<td>TBA</td>
<td>4:30 pm</td>
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<tr>
<td>vs. City College</td>
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<td></td>
<td>TBA</td>
<td></td>
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<tr>
<td>Nov. 2</td>
<td>vs. College</td>
<td></td>
<td>TBA</td>
<td>4:30 pm</td>
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<tr>
<td>vs. College</td>
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<td></td>
<td>TBA</td>
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<tr>
<td>Dec. 2</td>
<td>vs. City College</td>
<td></td>
<td>TBA</td>
<td>4:30 pm</td>
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<td>vs. City College</td>
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### Cross Country
- **September**
  - Fri. 9 Tompkins Invitational TBA
  - Sat. 10 TBA
- **November**
  - Fri. 3 TBA
  - Sat. 4 TBA

### Men’s Soccer
- **September**
  - Fri. 1 College Tournament TBA
  - Sat. 3 College Tournament TBA
  - Wed. 6 American River TBA
  - Fri. 22 College Tournament TBA
  - Sat. 23 College Tournament TBA
  - Mon. 26 College Tournament TBA
  - Wed. 28 College Tournament TBA

### Women’s Soccer
- **August**
  - Fri. 15 vs. Monterey CC TBA
  - Sat. 16 vs. College TBA
  - Sun. 17 vs. College TBA

### 2017 Schedule
- Volleyball
- Football
- Soccer
- Cross Country
- Basketball
UPCOMING EVENTS

Week of Welcome Resource Fair
August 15 – 16, 2017
10:00 a.m. – 1:00 p.m. in Student Center

11th Annual Hartnell College Summer STEM Internship Symposium
August 19, 2017 – 2:00 – 5:00 p.m.
Building S – STEM Center

SAVE THE DATE!
Family STEM and Arts Day
October 15, 2017 – 11:00 a.m. – 3:00 p.m.
More details to come!

The Western Stage presents
In the Heights
August 26 – September 16, 2017
Mainstage
Details are at westernstage.com

You’re Invited!
STEM
11th Annual Hartnell College Summer STEM Internship Symposium
AUGUST 19, 2017
Hartnell College
Building S – STEM Center
411 Central Avenue, Salinas, CA
2:00 to 5:00 p.m.

AGENDA
2:00 p.m. Welcome and Introductions
2:30 Poster Presentations
4:00 Recognition Ceremony

For more information contact: Dan Oiw - (831) 755-6967 - doiw@hartnell.edu
www.hartnell.edu

ECLIPSE 2017
HARTNELL COLLEGE PLANETARIUM
21st August
10:16 AM

Join us outside Hartnell College’s Planetarium as we witness one of Nature’s grandest spectacles: a solar eclipse. Here in Salinas we will see a partial eclipse from 9:01 AM - 11:38 AM with the greatest overlap at 10:16 AM. We will have solar telescopes, eclipse glasses, and sunspotter available so you can enjoy the eclipse safely!

HARTNELL COLLEGE PLANETARIUM

Evening Shows
Fridays @ 7 PM
Doors open @ 6:45 PM
BLACK HOLES
AUGUST
4, 11, 18, 25
TICKETS $5
More information available at www.hartnell.edu/planetarium
Tickets available online at squareroops.com/events/hartnellcollegesca/planetarium/
Image courtesy of USGS

Children’s Shows
Fridays @ 5:30 PM
Doors open @ 5:15
SUNSTRUCK
AUGUST
4, 11, 18, 25
SESAME STREET: ONE WORLD, ONE SKY
SEPTEMBER
1, 8, 15, 22, 29

This event is wheelchair accessible. Individuals requiring assistance, including people who are blind or partially sighted, and their companions may contact the planetarium at (831) 755-6613 or planetarium@hartnell.edu as soon as possible.
IN THE NEWS THIS WEEK

County Snapshot: Mary A. Zeeb

VIDEO – Spanish – HEP on Despierta Costa Central
https://www.youtube.com/watch?v=dh4Qv8zZIIQ

Half Marathon resumes Saturday
https://greenfieldnews.com/article/half-marathon-resumes-saturday