



San Bernardino
Valley College

CAREER AND TECHNICAL EDUCATION (CTE)

NEWSLETTER



July 2019

Quarterly Publication

MESSAGE FROM THE DEAN

This 2nd edition of San Bernardino Valley College's (SBVC) Career and Technical Education (CTE) Newsletter brings exciting and wonderful updates from our faculty, staff and students in the attainment of a "More and Better CTE."

Highlights of this issue pertain to the use of Perkins and Strong Workforce Program funds in developing new CTE curriculum and programs (credit and noncredit) and acquiring the latest laboratory tools and equipment in order for our students to learn the necessary skills and competencies in meeting our local and regional employers' job needs. Our congratulations also go to some of our faculty, staff and students who have been recognized for their outstanding achievements.

Lastly, it was exciting for the Applied Technology, Transportation and Culinary Arts Division as their Technology Building will now be replaced with a new and modern Career Pathways Building.

Thanks to the passage of the San Bernardino Community College District's (SBCCD) Measure CC and the \$2.5 million supplemental funding from the State. This would not be possible without the support and advocacy of our Board of Trustees, Chancellor Bruce Baron, President Diana Rodriguez and the SBCCD/SBVC's Executive Management Teams. Honorable Senator Connie M. Leyva and Honorable Assemblywoman Eloise Gomez Reyes also led the successful effort to secure the state funding. We sincerely thank you for all your efforts.

We hope that you enjoy this issue and find it to be informative. We welcome your suggestions and feedback. Have a pleasant and enjoyable summer!

Albert Maniaol, Dean
Applied Technology,
Transportation & Culinary
Arts Division



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CTE HIGHLIGHTS

Please welcome our new Applied Technology, Transportation and Culinary Arts Division Support Staff:

Dalilah Davaloz—Career Education, Project Administrator

Mrs. Davaloz will be overseeing the local and regional Strong Workforce Program (SWP) and related CTE grant projects for SBVC managed by the Applied Technology Division.

Jackie Soto—Student Services Technician II

Ms. Soto will be primarily overseeing the Regional SWP's Awarding Veterans the CTE College Credit they Deserve and the Building and Energy System Professional (BESP) projects as well as providing support for all SWP and related grant activities.



Congratulations to our SkillsUSA and Aero Skills winners!

Lynn Phillips, Third Place in Baking
Corina Vidales, Third Place in Culinary

Both students participated in the state competition during April 25-28, 2019 at Ontario Convention Center and won bronze medals in their disciplines. **Meyer Suherman-Silitonga** also participated.

Daniel Cooper, First Place in the Junior Standings
Seung (Brandon) Hyun Cho, Second Place in the Junior Standings

Both students participated in the tournament held at Mt. San Antonio College on May 29, 2019 and will compete in the finals in Las Vegas, Nevada in February 2020. **Aeronautics Instructor Sherrie Fenton** mentored the students and chaperoned during the tournament.

Congratulations to **Heavy/Medium Duty Diesel Instructor Berchman (Kenny) Melancon** who was nominated and won the Inland Empire/Desert Regional Consortium's *Excellence In Teaching Award*. **Automotive Instructor, Mark Williams**, was also nominated in the same category.

Congratulations to **Grant Assistant Alejandra Campos** who won the 24th Annual Spotighting Our Success *Applied Technology, Transportation and Culinary Arts Achievement Award*. Other nominees in various categories were **Dean Albert Maniaol** and **Welding Instructors Bryce Cacho** and **Joshua Milligan**, **Chef Daniel Babin**, **Tamara Schlinkert** and **Heavy/Duty Medium Truck Diesel Instructor, Berchman (Kenny) Melancon**.





CTE HIGHLIGHTS

In collaboration with the SBVC Foundation, the **Heavy/Medium Duty Diesel Truck Program** was awarded **\$25,000** from the **Southern California Gas Environmental Champions** grant. Funds were used to purchase supplies for the Compressed Natural Gas (CNG) system alternative fuels course.

In addition, the program also partnered with **South Coast Air Quality Management District (SCAQMD) Project** for their **Volvo Low Light Impact Green Heavy Transport Solutions (LIGHTS)** grant project application which was funded. SBVC was a sub-recipient in the amount of **\$200,000** which will allow the development of curriculum to educate students and the community on how to work the Volvo electric trucks.



In April 2019, **Electronics Instructor Mary Romero** took 14 students from her **Electronics 116** classes to Sulzer Electric in Santa Fe Springs. During the visit, students had the chance to tour the company facility, observe how to rebuild motors, repair motors, and build motor control center panels for various types of motor controls.

Art faculty Rick Caughman and Nader Gergis of the **Graphic Design Certificate** and **Graphic Design AA Degree** programs participated this past spring in a collaborative project-based learning grant with California State University San Bernardino titled "Here to Career." Caughman and Gergis designed a project-based learning experience for their students.

The project involved a student-designed art show for the Gresham Art Gallery titled "50 Shades of Graphite." Students produced the art, designed the show postcard, curated and hung the show, arranged for a children's drawing table, provided and served refreshments and arranged for the music. The art exhibition was a huge success, and over 150 people attended the reception on June 13.





STRONG WORKFORCE PROGRAM

PROJECTS

Round 2 (FY 2017-2018) Implementation Period: 7/1/2017 – 12/31/2019

Total Funds Allocated to SBVC: \$1,262,333

Add: 17% Performance Incentive Funding: \$131,872

Program Allocations:

CTE Project Administrator - Across All Programs (\$240,000)

Online Educational Resources (OER) - Across All Programs (\$5,000)

Culinary Arts – Baking (\$32,448)

Culinary Arts (\$32,448)

Electricity and Electronics Technology (\$95,000)

Graphic Arts and Design (\$26,500)

Human Services (\$60,000)

HVAC/R (\$60,000)

Library Technology (\$13,400)

Machinist Technology (\$175,000)

Nursing (\$74,037)

Pharmacy Technology (\$208,500)

Welding (\$235,000)

Round 3 (FY 2018-2019) Implementation Period: 7/1/2018 – 12/31/2020

Total Estimated Funds Allocated to SBVC: \$1,262,333

Revised Funding Allocation including the 17% Positive Incentive Funding: \$1,504,216

Additional Funds: \$ 241,883 (Correct Amount to Follow)

Program Allocations:

Grant Clerical Assistant - Across All Programs (\$146,746)

Culinary Arts - Baking (\$268,800)

Culinary Arts (\$175,280)

Diesel (\$151,355)

Library Technology (\$10,000)

Machinist Technology (\$28,000)

Nursing (\$25,000)

Pharmacy Technology (\$107,219)

Psychiatric Technology (\$188,600)

Sterile Program (\$161,333)

Round 4 (FY 2019-2020) Implementation Period: 7/1/2019 – 12/31/2021

Total Estimated Funds Allocated to SBVC: \$1,262,333

Estimated Funding Allocation including the 17% Positive Incentive Funding: \$1,493,632

Program Allocations:

CTE Project Administrator - Across All Programs (\$125,000)

Aeronautics (\$34,300)

Culinary Arts (\$201,200)

Culinary Arts - Baking (\$176,000)

Electricity/Electronics-DIY (\$67,200)

Graphic Arts (\$11,648)

GIS (\$10,600)

Human Services (\$54,500)

Nursing (\$126,643)

Machinist Technology (\$150,000)

Psychiatric Tech (\$79,352)

Pharmacy Technology (\$111,289)

RTVF (\$192,000)

Water Supply Technology (\$10,000)

Welding (\$143,900)

REGIONAL SHARES STRONG WORKFORCE PROGRAM (SWP)

Round 2 (FY 2017-2018) Implementation Period: 7/1/2017 – 12/31/2019

- Sub-regional Business Incubator and Makerspace Proposal – Welding/Other Programs (\$199,500)
- Placement and Clinical Site Coordinator – Nursing (\$36,563)
- Updating Automotive Labs – Electric Vehicle (EV) & Hybrid Instruction – Automotive Technician/Collision (\$77,500)
- Regional and District Job Developers Proposal – Applied Technology Division, Across All Programs (\$161,837)
- Healthcare (Nursing & Allied Health) Educator Boot Camp – Nursing (\$14,641)



STRONG WORKFORCE PROGRAM

PROJECTS

Continued: Round 2 (FY 2017-2018) Implementation Period: 7/1/2017 – 12/31/2019

- Building and Energy System Professional (BESP) Consortia – HVAC/R, Inspection Technology, Electricity/Electronics, Other related programs (\$113,500)
- Inland Empire CyberHub Centers ((\$114,975)
- Regional Data Analysis and Alignment – Applied Technology Division, Across All Programs (\$77,624)
- LAUNCH: Inland Empire Apprenticeship & Work-based Learning - Applied Technology Division, Across All Programs (\$61,000)

Round 3 (FY 2018-2019) Implementation Period: 7/1/2018 – 12/31/2020

FY 2017-2018 Positive Incentive Funding (17% Regional Shares SWP)

Total Funds Allocated to the Region: \$23,218,163 (Rounds 2 and 3 + FY 17-18 17% Incentive Funds)

Total Funds Allocated to SBVC: \$ 1,758,414

Program Allocations:

- Regional Mechatronics Technician Training Pathway – Electricity/Electronics Program (\$250,001)
- Placement and Clinical Site Coordinator – Nursing (\$36,562)
- Regional and District Job Developers Proposal – Applied Technology Division, Across All Programs (\$77,538)
- Healthcare (Nursing & Allied Health) Educator Boot Camp – Nursing (\$14,641)
- Building and Energy System Professional (BESP) Consortia – HVAC/R, Inspection Technology, Electricity/Electronics, Other related programs (\$86,000)
- Regional Data Analysis and Alignment – Applied Technology Division, Across All Programs (\$48,416)
- LAUNCH: Inland Empire Apprenticeship & Work-based Learning - Applied Technology Division, Across All Programs (\$55,000)
- Cloud-based NetLab+Pilot Project – CIT and related programs (\$43,619)
- Using Employability/Soft Skills to Create Pathways - Applied Technology Division, Across All Programs (\$125,497)
- Awarding Veterans the CTE College Credit They Deserve (\$150,000)
- Inland Empire CyberHub Centers (\$14,000)

Round 4 (FY 2019-2020) Implementation Period: 7/1/2019 – 12/31/2021

Total Funds Allocated to SBVC: \$ 677,833

Program Allocations:

- ACUE Faculty Professional Development – (\$9,840)
- Awarding Veterans the CTE College Credits They Deserve – (\$6,000)
- Be My Guest – (\$2,620)
- Counselor Conclave – (\$2,500)
- Inland Empire CyberHub Centers – (\$58,847)
- LAUNCH Inland Empire Apprenticeship & Work-based Learning Network – (\$14,630)
- Machining for the Manufacturing Empire – (\$25,578)
- Placement and Clinical Site Coordinator – (\$14,590)
- Regional and District Job Developer – (\$154,258)
- Regional CTE Advisory Communities – (\$24,480)
- Regional Makerspace – (\$85,990)
- Regional Mechatronics Technician Pathway – (\$150,000)
- Updating Automotive Labs – (\$64,000)
- Using Employability/Soft Skills to Create Pathways – (\$64,500)



STRONG WORKFORCE PROGRAM

PROJECTS

Regional CTE Job Developer Project:

- In **April 2019**, the Job Developer Project **purchased Optimal Resume**, which guides a student to draft a marketable resume. Currently, **43** students are using this program, which is offered free to current students and alumni.
- SBVC employer-base has increased significantly with over **384** companies, including both small and large organizations. In **May 2019** job developers held the first **Employer Networking Event**, which drew **21** students and **6** employees from **3** companies. In **June 2019** our second **Employer Networking Event** included **43** students and **11** employees from **7** companies.

Walk-in hours*: **Peggy Weber** M/W 10:00 a.m.—12:00 p.m. (909) 384-8292 pweber@valleycollege.edu
Micah Escamilla T/TH 3:00 p.m.—5:00 p.m. (909) 384-8591 mescamilla@valleycollege.edu

*Hours may vary based on events

PERKINS GRANT

San Bernardino Valley College's FY 2019-2020 Perkins Funding Allocation was \$399,634. The following CTE programs applied for Perkins Funds and were awarded the following amount:

- Aeronautics: **\$33,774** to be used to purchase instructional equipment, and technology improvement and upgrade.
- Automotive Collision: **\$38,970** to be used to purchase updated equipment.
- Automotive Technology: **\$39,744** to be used to purchase tools and upgrading labs and equipment.
- Heavy/Medium Duty Diesel Program: **\$49,362** to be used for expanding classes with purchase of new equipment and updated technology.
- Electricity/Electronics: **\$21,650** to be used to purchase new equipment to update labs.
- Geographic Info Systems: **\$8,752** to be used to update curriculum and hire professional experts.
- HVAC/R: **\$21,650** to be used to expand and modernize the program with purchase of tools and updated equipment.
- Machinist Technology: **\$12,990** to be used to purchase updated equipment.
- Nursing: **\$43,330** to be used to update equipment in lab, acquire additional equipment and software.
- Pharmacy Technology: **\$21,650** to be used for program marketing.
- Police Academy: **\$22,516** to be used to purchase radio and simulator equipment and curriculum enhancement.
- Psychiatric Technology: **\$15,588** to be used to update lab and equipment.
- RTVF: **\$9,526** to be used to purchase grip equipment and technology.
- Water Supply Technology: **\$15,588** to be used to update curriculum, purchase software and hire a tutor.
- Welding Technology: **\$34,640** to be used to purchase equipment and hire professional experts.
- An additional **\$9,934** will be used across all programs.

Guillermo Martinez, 34, began his SBVC Machining journey in Spring 2016. Under the guidance of adjunct faculty **Miguel Ortiz**, Martinez studied over three years before being offered a computer numerical control programmer/mechanic position with LeVecke Corporation, a wholesale distributor of distilled spirits. Martinez is quick to credit the instruction of Ortiz and the access to the latest technology in the classroom for being job-ready when LeVecke called.

“[Mr. Ortiz] had a wealth of knowledge when it came to teaching and had an answer to every question I had. I was very fortunate that the **Machining Program** had the latest software of Mastercam/SolidWorks with updated HASS CNC, mills, lathes and grinders,” said Martinez.

Martinez, who already earned certificates for CNC operator and manual operator, plans to return soon for a third certificate.



Guillermo Martinez

STUDENT SPOTLIGHT



Rajveer Singh

Rajveer Singh, 26, recently earned his commercial pilot License after participating in SBVC’s **Aeronautics Program**. Originally from India, Singh already held two bachelor degrees before pursuing his new dream of becoming a pilot. Knowing he would need to convince his mother to support this additional education, Singh studied on his own to pass online tests and then presented the results as proof he could succeed. His mother approved.

In Fall 2017, Singh enrolled at SBVC full time and soon began working weekends in Miami, Florida to earn private pilot hours towards his private pilot license, which he received in October 2017. Despite a busy schedule and a bout of what he believes was stress-related sickness, Singh obtained his powerplant certificate in 2018, his instrument rating

certification in March 2019, his ground instructor certification on June 3, 2019 and three days later his commercial pilot certification. Singh credits his success to his own resilience and the encouragement and wisdom of his instructors.

“Instructors **Larry Rice** (SBVC) and **Capt. Naushad Imam** (World Wide Wings) motivated me a lot and helped me believe I was capable of things that were undoable. I come from a different background and am new here yet I’m overhauling big engines. Mr. Rice also motived me to get my instructor’s license and helped me think about options I didn’t know existed.”

Singh is set to graduate with his associate of science in Flight Operations Management in December 2019.

As previously reported, the **Accelerated Electronics Certificate Program** graduated its first class of 13 students in February 2019. Gaining momentum fueled by the passion of the faculty, **Don Regner**, the second cohort of 17 students is set to graduate in December 2019.

Regner joined SBVC in June 2018 and helped implement the first-ever **Accelerated Electronics Certificate Program**—a process which involved shrinking two years of education into an 8-month program.

“Dean Maniaol was the first one who developed

the concept,” said Regner. “He asked me if I could teach this program and I said yes I can.”

Regner, a licensed electrical engineer and licensed electronics and communications engineer with a master of business administration who has over 30 years of experience, said he felt confident about teaching this new program.

Regner’s first graduating class was so appreciative of him in helping them succeed in completing the program that they presented him with a plaque of appreciation.



Don Regner

FACULTY FEATURE

RESOURCE LINKS



<http://doingwhatmatters.cccco.edu/Home.aspx>

<http://doingwhatmatters.cccco.edu/launchboard.aspx>

<http://doingwhatmatters.cccco.edu/strongworkforce.aspx>

<https://www.valleycollege.edu/cte>

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San Bernardino Valley College maintains a culture of continuous improvement and a commitment to provide high-quality education, innovative instruction, and services to a diverse community of learners. Its mission is to prepare students for transfer to four-year universities, to enter the workforce by earning applied degrees and certificates, to foster economic growth and global competitiveness through workforce development, and to improve the quality of life in the Inland Empire and beyond.

UPCOMING EVENTS:

August 30:

Work Experience Information Session, SBVC B-100
2:00 p.m. – 3:30 p.m.

September 26:

RTVF/IEMA Animation Show
1:00 p.m.—4:00 p.m.
Location TBD

October 1:

RTVF/IEMA “Lulu’s House” Screening and Q&A:
7:00 p.m.—9:00 p.m.
Location TBD

October 4:

Manufacturing Day
Applied Tech building
8:00 a.m.—10:00 p.m.

October 24:

CTE Articulation Meeting
SBVC, B-100
3:00 p.m.—5:00 p.m.

Quarterly publication from the Applied Technology, Transportation and Culinary Arts Division. For inquiries please contact the editor, Micah Escamilla, at mescamilla@valleycollege.edu