



**2018-2019 Perkins Grant Usage**

During the 2018-2019 Academic year, SDCCD received \$2,284,220 in Perkins grant funds. 5% of these funds were designated by the state for CTE Transitions activities. The remaining 95% was designated for career education program improvements. The amount of Perkins funds received by the state is determined annually by the disadvantage student count as certified through MIS. This document provides a high level summary of the use of the Career Education designated funds (\$2.16 million).

CTE Transitions:	\$124,131	(5.43%)
Career Education:	\$2,160,089	(94.57%)
<b>Total</b>	<b>\$2,284,220</b>	

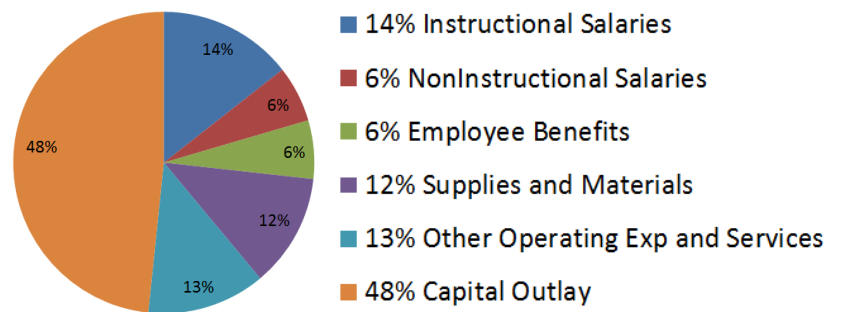
90% of the Career Education funds were distributed directly to the institutions.

City	\$490,880	
Mesa	\$591,001	
Miramar	\$386,094	
SDCE	\$468,829	
<b>Total Institutions:</b>	<b>\$1,936,804</b>	90%
District:	\$223,285	
<b>Total</b>	<b>\$2,160,089</b>	10%

**Institutional Use of Funds**

Of the \$1.9 million allocated to the institutions, 75% was spent on specific programs and 25% on across program services and special projects. Districtwide, forty-two programs received funding.

Program Specific:	\$1,449,970
Across Programs:	\$486,834
<b>Total</b>	<b>\$1,936,804</b>



**2018-2019 Perkins Funded Program Accomplishments**

Across the forty-two career education programs that received 2018-2019 Perkins funds, a wide variety of positive outcomes were achieved. The following is a high level summary of program achievements as reported by the institutions in the 2018-2019 Perkins Final Report (August 2019). Program activities listed were funded with a combination of Perkins and non-Perkins funds.

## **San Diego City College 2018-2019 Perkins Funded Program Accomplishments**

### Tax Preparation (TOP Code: 050210)

- Returned over \$1 million in tax refunds to the local community; nearly double the amount from the prior year; giving students more opportunity to prepare taxes and solidify their skills.
- Having a knowledgeable Ed Tech made it possible for the students to have questions answered in a timely manner and could better grasp the new tax law information.
- Students all passed their Advanced Exams with the IRS VITA program, which was an improvement from last year.
- Signage and other materials were updated to look more professional and to entice a larger audience to the tax program.

### Business Studies (TOP Code: 050600)

- Faculty collaborated on course content for an Introduction to Online Learning. Course passed through the curriculum review process and was approved (anticipated offer date: January 2020).
- An Educational Assistant conducted both Blackboard Orientations and Blackboard Tutoring. Business and accounting faculty directed students new to or struggling with online learning to tutoring; students were retained and completed courses.
- Materials were created to communicate about Certificates of Performance.
- Two computers and a printer were replaced in student work.
- A commercial refrigerator and freezer were ordered for the campus food pantry supporting the increase in food insecure students being serviced. Frozen meals and perishable foods were added.

### Radio & Television (TOP Code: 060400)

- By improving and modernizing our student radio station equipment we have given our radio students much better technical training. With fully functioning technology, our students now have many more opportunities to get hands-on experience with up-to-date technology.
- The Radio A.S. degree edits were approved by the state and activated in Sept of 2018. The degree is now better aligned with our missions in career technical training and matriculation.
- Made significant improvements to our department marketing and outreach by branding the department, formalizing a relationship with San Diego Unified School District (articulation agreement) and by expanding our social media efforts.

### Fitness Specialist (TOP CODE: 083520)

- Printed and distributed 1,000 rack cards promoting our Fitness Specialist and Health Coaching Certification Programs.
- Hired new outreach coordinator on campus to better market our program for increased enrollment.
- Students took advantage of Ed Tech for support in their classes, studying for their national certification exam, finding internship/work-experience locations and jobs for

## 2018-2019 Program Accomplishments

after graduation. The Ed Tech was an integral part of the success of our students in terms of retention and passing classes.

- Created space for a functional fitness lab in the racquetball courts offering students much more hands on experience with the type of equipment they will make use of with clients when working in the industry.

### Environmental Controls (TOP Code: 094600)

- New curriculum approved; there are now pathways for installers, technicians, and project developers.
- Started an EGEE program.
- Uncommon populations for the industry were hired as adjuncts.
- Worked with high schools to increase enrollment.

### Machine Technology (TOP Code: 095630)

- Purchase new computers that allowed us to expand the application of our technology to a much higher level.
- Professional development training for staff; allowed them to introduce and reinforce the students to more modern and advanced methods of inspection processes; this was looked upon very favorably by our advisory board participants.
- Ed. Techs were very helpful to all the students in the program.
- Partnership building with Kearny High School; administration of articulation agreement credit by exam to 60 high school students.
- Provided on site tours to over 500 High School students.

### Commercial Music (TOP Code: 100500)

- Updated Recording Studio and MIDI Computer Lab to industry standard software and hardware so that students will be trained on the current and relevant equipment which will make them competitive going into the work force.
- An effective practice derived from this project is to place more attention on increasing the quality of the Recording Studio; not only concerning equipment but also with other accommodations in an effort to attract clients to use the studio professionally, not just academically; giving our students real world experience as well as visibility to our program.

### Alcohol and Other Drug Studies (TOP Code: 210440)

- Ed. Tech. worked one-on-one with students, assisting them with tutoring, and resume building.
- Ed Tech continued tracking employment of interns and began developing a survey to gather employment data from alumni.
- Ed tech mailed brochures to high school guidance counselors to recruit students, and developed a Facebook page, which already has 100 members.
- Ed tech assisted with development of a website and marketing YouTube videos of faculty, current students, and alumni.

### Across Programs

- Provided support for the preparation of career education advisory committee meetings.
- Held trainings for new grant applicants.

## 2018-2019 Program Accomplishments

- Provided administrative support for grant management: collected necessary audit documentation and served as liaison with appropriate contacts on budget needs.
- There was a change in coordinator during the period and training occurred.
- Advisory board minutes were collected and updated population data is now available to assess program needs.
- Supported professional development; attendance to regional and statewide career education conferences and workshops; these conferences gave updates on Perkins V, developments to various workforce initiatives, and future directions locally, statewide, and nationally.

## **San Diego Mesa College**

### **2018-2019 Perkins Funded Program Accomplishments**

#### Animal Health Technology (TOP Code: 010210)

- The summer course improved our student success in the fall courses and the class of 2020 has 2 male students.
- In an effort to increase male students we continue to participate in campus outreach events and encourage males and students from special needs populations to apply to the program.
- Actively pursuing AVMA accreditation with the hope that this gold standard accreditation will attract males and individuals from non-traditional populations to apply to our program.

#### Architecture (TOP Code: 020100)

- The upgraded software enabled students and faculty to stay current with industry practices and allowed faculty members to update curriculum and prepare students for the demands of the workforce. Students trained in their use are able to use this software to complete a wide range of projects across the curriculum and in the profession.
- New laser printers were installed allowing students and faculty quick access to small format printing without the constant breakdowns.
- The installation of new boot drives in the 130 student and faculty computers in the 5 design studio classrooms was completed.
- The drive access time was improved by the addition of a solid state drive for the operating system.
- The Model Shop was the only studio classroom of the six studios, at the Design Center, that did not have a dedicated printer for faculty and student use. The new laser printer has been installed allowing students and faculty quick access to small format printing required for modeling.

#### Accounting (TOP Code: 050200)

- By attending the CCCAOE Leadership Academy, faculty was able to learn best practices for equity in the classroom to enhance all accounting disciplines and likewise learned creative strategies for leadership development on all levels.
- Effective practices learned included strategies on leadership development, such as outcomes development, CTE and Guided Pathways, effective communication with students, as well as professional skill development to be used on all levels.
- Faculty worked with industry professionals and other professors and academics to develop effective teaching practices designed to reach diverse student populations.

#### Business Administration (TOP Code: 050600)

- Professional development: attended conference where faculty discovered different techniques to effectively reach and provide opportunity for non-traditional students who have entered the workforce directly after receiving a high school education. Faculty are examining these techniques and determining how they might be incorporated
- Building guided pathways to provide students meaningful ways to achieve their career goals with the aim to increase retention, success, and completion within our programs.

## 2018-2019 Program Accomplishments

- Purchased financial calculators. Previously it was challenging for students to use their own calculators as they didn't have the required functions and keystrokes; these made it really difficult to teach these skills in class.

### Marketing (TOP Code: 050900)

- The laptops purchased for classroom learning activities with the goal of enabling economically disadvantaged students to participate in progressive, technologically sophisticated learning activities that support student attainment of the marketing-related knowledge and skills necessary for successful transfer to a four-year institution, entry-level employment in industry, or embarking on an entrepreneurial path.

### Multimedia (TOP Code: 061410)

- Successfully configured Multimedia labs with the levels of hardware and computing power necessary to provide students with industry standard levels of performance in the classroom.
- Successfully added several professional software packages that will enhance students' ability to compete in the contemporary marketplace for employment in their chosen field.

### Computer Information (TOP Code: 070200)

- Utilized more project-based learning and active-learning teaching models.
- Integrated robotics into some of the programming courses.
- Added elements to online instruction that increased student engagement and enhance timely feedback.
- offered a game programming software engineering course (CISC 220), and hope to offer a follow-on course (CISC 221) soon.
- Enhanced technological infrastructure has improved the quality of support we provide to Mesa Robotics Organization (MRO).
- The additional Ch Software licenses and Linkbot hardware have ensured that we can continue with our C-STEM Robotics training of local high school and middle school teachers.

### Exercise Science (TOP Code: 083520)

- Moved all of our courses up to a 2:20PM start time, which has increased enrollment by 25-50% per class.
- Hired a personal training program assistant who helps with marketing and program outreach, social media, tutoring and exam prep, and general program needs. This has helped increased student enrollment and retention.
- Received new up-to-date equipment, including the BodPod, new heart rate monitors, kettle bells, medicine balls, squat racks, and exercise plates for the outfitting of a classroom specifically designed for use by the personal training program. This has improved classes, as students are better able to hear the instructor and utilize the space with appropriate equipment.
- Changed some of our courses to hybrid courses to better meet the needs and time constraints of students and to allow class time to be used for more hands-on training

#### Physical Therapist Assistant (TOP Code: 122200)

- Purchased equipment for the inpatient setting (lift systems, hospital bed), technology, and flooring/equipment for the outpatient setting to ensure students are learning on industry standard equipment in a setting that mimics clinics in the region.
- Conference and travel was completed to ensure that faculty are prepared with current trends in the industry and in educational theory to ensure effective student learning and maintain accreditation standards.
- Increasing the number of students in the PTA program offers more opportunity for underserved populations however comes with the challenge of maintaining the volume of equipment that meets industry standards and the number of clinical sites. As more students are accepted into the PTA program, more opportunities for non-traditional and underserved populations exist.

#### Radiologic Technology (TOP Code: 122500)

- The new full-body phantoms allow students to take actual x-rays rather than simulate the positioning in lab.
- Students can now review their images to evaluate positioning and technique errors.
- Students are also able to perform annual radiation protection inspections using the newly purchased lead aprons and lead glasses.

#### Dental Assistant (TOP Code: 124010)

- Purchased new equipment enabling students to reach the highest level of their skills for the equipment. Once the students learned how to use the equipment they were able to work on patients in our program as well as during their externship. The students were successful in using the new dental equipment and were able to use dental hand pieces that are most popular in a dental office.
- Increased the nontraditional participation and nontraditional completions for this year.
- Brought each student to the highest level of their education, which is working on live patients (clinical level).

#### Interior Design (TOP Code: 130200)

- Received updated software programs and trainings that are currently utilized in the industry. Students benefitted from the modernized learning environment which mirrors the current industry setting. Providing updated software and education will be continuously the most important goal in our program.
- Our students were highly recognized in local and national awards including ASID Excellence award and NKBA award.
- Professional development opportunities to our faculty: two full time faculty attended IDEC regional conference, an adjunct faculty attended KBIS, and another adjunct faculty participated in SketchUp conference. They will bring current technologies, trends, and knowledge to our classroom.

#### Fashion (TOP Code: 130300)

- Received equipment and technology that was utilized by students to improve their skills and abilities.

- Instructors attended professional development opportunities, learning new instructional techniques and topics relevant to our discipline. They in turn shared their learning with students and other instructors.

#### Culinary Arts (TOP Code: 130630)

- The program effectively added digital textbooks for reduced costs to all culinary Students
- The addition to technology in the laboratory and lecture classes has closed gaps of disconnected students moving and relating class content between classes.
- Faculty has more educational materials to use in the classroom without additional costs to students.
- The addition of small hand tools and larger specialty equipment has helped the program raise the retention rate, which will correlate to the completion rate.
- Students are afforded more time on equipment with the additional tools added.
- Students of special populations have more hands-on time and individual attention.
- The added components have brought more employers to the program looking for student employees, while supporting the student's education and career goals.

#### Geographic Information Systems (TOP Code:220610)

- GISG converted the Certificate of Performance to a Certificate of Achievement. The first students to earn this certificate graduated in Spring 2019.
- Faculty continue to attend regional conferences related to GIS Education and seek out Flex activities to improve their online course offerings to increase retention and success.
- GISG updated site licenses so students are learning on modern, industry-standard versions of ArcGIS Platform and ENVI.
- New computers were installed in the new BT 206 GIS classroom. These computers have the processing power to manage the analysis and graphics packages in ArcGIS Pro 2.x.
- Faculty have incorporated ArcGIS Pro into classwork, and two faculty received STEM Lab mini-grants to update labs in GISG 113 and GISG 114 to the modern ArcGIS Pro application.

#### Across Programs

- Secretarial support was provided to faculty with the scheduling of Advisory Committee meetings, Perkins meetings, applications, processing requisitions, purchases, procurement
- of equipment, and budget updates.
- Administrative assistance was also provided to faculty with meeting deadlines for quarterly and final reports.



## **San Diego Miramar College 2018-2019 Perkins Funded Program Accomplishments**

### **Biotechnology (TOP Code: 043000)**

- Completed yr 2 of ASQ faculty training.
- Faculty trained and certified in CQIA curriculum addressing gaps and need for more trained and employment ready workforce.
- Increased scope of biotechnology program through intentional course sequencing and increased offerings to meet student and industry needs.
- Reviewed options to track student success, completion of Certificates of Achievement and employment readiness.
- Assigned dedicated counseling liaison and improved outreach and counseling to prospective students, especially underserved and first generation students.
- Developed collaborative teacher training for new and existing faculty to ensure rigor, standards and innovative pedagogy as course offerings are increased.
- Revised Bio 132 curriculum to align with changes in the program and maintained industry standards by purchasing electrophoresis & implementing cell culture instrumentation.
- Included CQIA in program.
- Implemented badge competency pilot with high schools & colleges.

### **Accounting (TOP Code: 050200)**

- Supported learning for all students, including special populations, through implementation of tutors, supplemental instruction, the career center, and work-based learning.
- Established 2 new student internship sites.
- Initiated student mentoring with industry.
- Trained students to work in Student Volunteer Income Tax Assistance (VITA) program and provided tax preparation services to community.
- Hosted business careers seminar in collaboration with 6 companies and student business club as well as accounting day with 12 student volunteers.
- Prepared online course shells and instructional delivery methods.
- Expanded offerings to include specialized classes for CPA exam review.
- Integrated project in accounting class that included career exploration, research, and guest speakers to share real-world experiences with students.
- Connected students with local Small Business Development Centers (SBDC) and invited local industry consultants to speak on campus Business Club and participate on entrepreneurship panels.

### **Fitness Trainer (TOP Code: 083520)**

- Integrated current industry trends, technology and equipment as recommended by program advisory board members.
- Achieved approval of national organizations for program to provide continuing education units.
- Faculty attended professional development opportunities and successfully completed certifications to enhance the quality of the program.

## 2018-2019 Program Accomplishments

- Made program and curricular changes to clarify the student path and increase persistence and transfer efforts.

### Diesel Technology (TOP Code: 094700)

- Evaluated the program data and convened advisory board for program improvement
- Supported student learning through use of college resources and technology for all students including special populations.
- Maintained NATEF certification by upgrading industry required software, training aids, and equipment.
- Faculty attended professional development events.
- Collaborated with campus outreach coordinator to host 5 feeder high schools on our college campus.
- Awarded 10 scholarships to high school seniors and extended NC 3 courses to them.
- Launched new apprenticeship program.

### Automotive Technology (TOP Code: 094800)

- Assigned counselor to guide all auto students, including non-traditional and economically disadvantaged students.
- Collaborated with outreach and recruitment coordinator.
- Held open house "College Day" for 125 high school auto students from 5 area high schools.
- Completed agreements providing non-credit to college pathways for students.
- Strengthened partnerships with 3 brands: Toyota, Honda, & Chrysler.
- Held focused advisory board meetings & expanded invitation to additional dealerships & businesses within region including Subaru & Mazda.
- Expanded job shadow & internship opportunities.
- Faculty completed professional development on new industry certification areas including NC3 & attended events & training with Chrysler, Honda, Toyota & Tesla diagnostics.
- Prepared students for the workforce by leasing new Emission Inspection equipment required by State CARB/BAR as a training provider to students.
- Aligned curriculum with various manufacturer & ASCCA training requirements.
- Provided enhanced student support by use of tutors & lab.

### Medical Lab Technology (TOP Code: 120500)

- MLTT Program Director established two new partnerships with Lab Corp and UC San Diego, the region's leading clinical laboratory and leading university, providing clinical laboratory internships to students.
- Prepared students with technical skills required in the workforce by creating a new Blood Banking course and integrating industry standard automated equipment in curriculum, including a Blood Bank Workstation (Ortho Co.) and microarray plate reader with software (Molecular Devices).
- Adapted immunoassays in lab courses, which are also used in clinical laboratories in industry to determine the presence or absence of many analytes and infectious microorganisms.
- Designed and implemented online practice tests to improve students' reading comprehension and test taking skills.

### Emergency Medical Technician (TOP Code: 125000)

- Completed agreements with off campus sites to offer clinical placements.
- Prepared students for work by implementing use of simulation manikins.
- Offered EMT bridge course (EMGM 205) for practicing EMT to paramedic as component of our partnership with industry that alleviates their hardship in providing training while providing the necessary skills and training for the certified EMT to transition smoothly into the workforce.
- Increased student success by 8% in spring semester by providing additional supplemental instructors across EMGM courses and increasing faculty mentors.
- Increased course sections to meet student needs.
- Expanded Career Access Pathways Partnership agreements with local high schools, which yielded an outcome of 10 high school students successfully completing course.
- Tracked progress of disproportionately impacted student population using PREDD.

### Child Development (TOP Code: 130500)

- Created program passport similar to the industry recommended professional portfolio to be used to guide students on a clear pathway to careers in Child Development. Passport includes courses in awards, training, cert requirements, immunization requirements, & other information students need to prepare to satisfy basic employment requirements of Child Development Centers.
- Delivered student orientations.
- Connected students with career and counseling services.
- Connected students with off campus community organizations, such as CARES and the CD Training Consortium regarding state permits, background check requirements, and other relevant employment information.
- Delivered career workshops and conferences to students focused on pathways in post-secondary education and strengthening academic & technical skills toward completion; encouraged students to pursue higher education
- Completed outreach & recruitment of non-traditional students from feeder high schools
- Drafted tracking system for student enrolled in child development to monitor progress, completion, and career attainment.

### Paralegal (TOP Code: 140200)

- Completed ABA interim report and assessed diversity of students in program including non-traditional and special population students to examine recruitment strategies.
- Convened regularly scheduled advisory board meetings and worked with members on recruitment of underserved and special populations students.
- Attended professional development activities as a presenter and as a participant, and integrated relevant skills and topics in curriculum including career preparedness skills.
- Delivered Notary training; available to all students.
- Created new interdisciplinary certificate that incorporates computer business technology skills and courses.

### Fire Technology (TOP Code: 213300)

- Developed and piloted curriculum for the five new courses in the fire inspector series.

## 2018-2019 Program Accomplishments

- Modernized equipment to meet SFT standards as outlined in the policy and procedures manual for Accredited Regional Training programs offering the Firefighter I curriculum.
- Modernized and expanded the available equipment for CPAT, including sizes for smaller and female students.
- Placed students with several fire agencies for work experience.
- Student intern hired by San Diego City Fire Inspector.
- Attended CFTDA conference and provided professional development for Miramar faculty.

### Aviation Operations (TOP Code: 302000)

- Trained and prepared students for the workforce using the latest and most relevant industry standard technology, including Redbird TD2 complex aircraft simulators used for commercial flight training, Cygus Pro Wireless GPS devices which allow students to train with new electronic flight bags utilizing digital charts and geo-referencing capabilities, new drone technology in drone labs, and NDVI and FLIR cameras used for 3D map creation.
- Hosted two high schools for program tours and information session.
- Participated in two community and industry events to market careers in aviation.
- Increased female enrollment and completion in program.
- Increased high demand course offerings such as drone courses, and offered additional flexible scheduling options such as weekend classes and online classes.
- Successfully completed regulation and compliance requirements including 1) part 107 FAA and 2) security and training required as a TSA training provider.

### Across Programs

- Faculty and staff completed professional development covering new trends in career education including high school outreach, apprenticeships, and improvement of student completion rates.
- Coordinated outreach to high school students for careers in advanced transportation technologies.
- Hosted Signing Day for high school seniors to commit to a CTE pathway upon graduation.
- Implemented career services redesign efforts by assigning faculty member to coordinate and increase work-based learning and job placement opportunities for students.
- Institutionalized pilot of supplemental instruction in CTE programs.

**San Diego Continuing Education  
2018-2019 Perkins Funded Program Accomplishments**

Small Business and Entrepreneurship (TOP Code: 050640)

- Expanded Advisory Committee members.
- Submitted course outline changes for review.
- Completion rates in Small Business Growth program increased 31% over previous year.
- Professional development; attended NACCE, Fast Company, Quickbooks, & Google Startup Grind; faculty co-presented with San Diego regional DSN for business on labor market, instruction, and articulation agreements.
- Referred students to Equity and SD Promise Centers.
- Promoted Jacob's Center Accelerator opportunity and enrolled students.
- Students referred to SBDC for 1:1 business coaching and LISC 0% KIVA business loans.
- Hosted 12 sections of the Small Business (0506) programs in hybrid & online formats to serve non-traditional students.
- Hosted industry presentations including Jacob's Center Accelerator Program.
- Hosted Small Business Planning Capstone events with over 100 attendees.
- Implemented Open Educational Resources in OL courses that allowed special pops to access materials free of charge at their own location.

Computer Support (TOP Code: 070820)

- The Netlab server was upgraded to the Netlab virtualized platform to ensure students are gaining industry recognized skills in cloud computing; the updated course licenses for A+, Network +, and Security + prep exams are a core part of job training. They ensured our students are prepared for current industry exams upon completion of our courses.
- The Raspberry Pi equipment provided students with advanced exercises in both programming and networking.
- Non-classroom hours were used to review course outlines and instructors participated in professional development. During the Fall 2019 semester, 4 instructors registered for Cisco's IT Faculty development week held during the summer.
- The enhanced instructional and equipment support provided the foundation for 314 computer related course completions during the 2018-19 academic year.

Electronics and Electric Technology (TOP code: 093400)

- Purchased and received additional circuit boards and 2 LabVolt stations. With this additional equipment students had more time to practice their labs, increased their knowledge and improved their technical skills thus making them ready for entry level jobs as they complete this program.
- Student persistence increased as the quality of learning improved due to the additional equipment.

Automotive Technology (TOP Code: 094800)

- Students received instruction and training on the latest technology.

- The acquisition of the Road Force Tire Balancing Machine is preparing students to perform tire changes and repairs using industry standard equipment.
- Students are also gaining exposure to the latest scanners that are slowly being integrated in the industry.
- Instructors attended the CAT conference to ensure their curriculum is updated and relevant to meet today's needs.
- Safety has also been improved in the work bays. Evening students have more lighting during lab assignments with the addition of halogen work lights; also acquired new training simulators to improve instruction during labs.
- Instructors can now replicate engine malfunctions with specific fault codes so students gain more practice diagnosing complex problems, especially related to electrical issues.

#### Automotive Collision Repair (TOP Code: 094900)

- The variety of scan tools that were both donated and purchased, allowed program to offer invaluable training in area of diagnostics. As a result of that training, students have a much greater chance of being hired and of earning and at earning a higher wage.
- Established positive working relations with I-CAR and the SEMA foundation. Both are ranked at the top of the list for most respected organizations in the business and both are now affiliated with SDCCD.
- The auto body students are already directly benefitting from free certification in the I-CAR training series free of charge. This training is something that most of our students could not easily access due to financial constraints. However, now they have access to those same certifications just like everyone else. This is important to leveling the social classes so that all have the same earning potential.

#### Welding Technology (TOP Code: 095650)

- The latest technology welding, metal fabrication, and ancillary shop equipment was purchased to expand welding and related shop training was well-received by students.
- Recurring scheduling of classroom presentations by Counseling, DSPS, New Horizons, and Student Services resulted in greater awareness and follow-up by students in need of the specific services.
- Faculty developed stronger relationships with the various service providers and are better able to assist students and/or guide them to support personnel for more assistance.
- Frequent meetings with Advisory Committee and AWS members (including frequent classroom presentations by industry representatives) forged a stronger bond between faculty, students, and local employers resulting in an increase in student interviews for apprenticeship, internship, and permanent positions.
- S/P2 Online Welding Safety Training has been pre-tested for "roll-out" in Fall 2019.

#### Child Development (TOP Code: 130500)

- New course outlines and certificate program pathways completed according to best practices, and tech review finished; Initial presentation at District Advisory meeting; received positive feedback
- Student evaluation forms devised and piloted in Child Development classrooms.
- First contact needs assessment form developed.
- Classroom at ECC upgraded, new off-site facility in mid-city area opened in Fall.

## 2018-2019 Program Accomplishments

- Meetings with Advisory Committee continue to identify CE needs for child development professionals.
- Faculty partnered with college faculty & programs such as Gateway to provide information/student support.
- Faculty currently partnering with ESL to devise childcare provider VESL program.
- All faculty participated in professional development conferences, workshops, etc.; faculty PD to help integrate curriculum with CTE best practices held in May.

### Across Programs

- New Horizons Program served 553 students. This is an increase of 59% over FY 2017-2018. This growth can be attributed to an increased focus on CNA, Allied Health, Culinary, Bakeshop, and BIT.
- Of the 553 students served 381 were economical disadvantaged, 72 were non-traditional students, and the remainder fell within the other categories of Perkins special populations.
- 227 students, or 41%, completed their CTE program and earn their certificate. This is a 14% increase from last year.
- New Horizons was able to help remove some barriers through the on campus resources and community partners. In many cases, barriers might have otherwise prevented students from completing their CTE program and transitioning to college or their chosen career path.
- The CTE Program Manager and staff assisted with the planning for 2018-19 Perkins projects and developed a new process to align Perkins project applications to the institutional resource allocation process.



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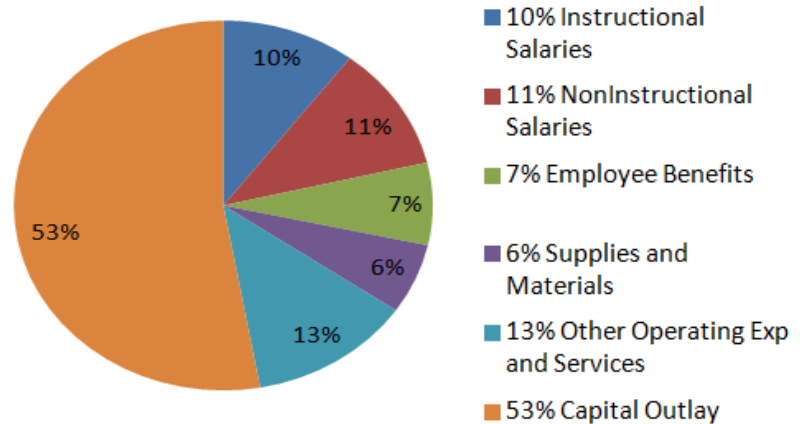
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Across Programs:	\$ 440,536
<b>Total</b>	<b>\$2,003,251</b>



**2019-2020 Perkins Funded Program Accomplishments**

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## **San Diego City College 2019-2020 Perkins Funded Program Accomplishments**

### Accounting (TOP Code: 050200)

- Offered tax program to students, training over 60 students to prepare taxes for the IRS using the IRS software.
- The tax center was able to open for a short time and serve clients, giving students some experience preparing taxes for low-income clients.
- Received, distributed, and utilized all needed marketing materials and supplies required for the tax center and student use.

### Radio & Television (TOP Code: 060400)

- Enhanced curriculum through the re-design all of the department's certificate and degree programs.
- Improved the equipment for VR instruction, lighting instruction, and began the process of further streamlining curriculum and improving instruction in broadcast journalism.

### Fitness Trainer (TOP CODE: 083520)

- Instructors attended conventions and completed online certification programs to obtain new information on research findings, training protocols, and modalities which were then integrated into course curriculum and shared with other instructors.
- The Ed Tech assisted in lab classes, led peer study sessions and provided additional assistance to instructors and students.
- This support greatly helped struggling students; decreased the number of students dropping and increased those passing.
- Two sets of textbooks were purchased to be used on loan by students in the library or in the fitness specialist study room. Many students took advantage of this resource and it proved the importance of continuing to have textbooks available for those that cannot afford them moving forward.

### Environmental Technology (TOP Code: 094600)

- New curriculum updates made recent transitions due to COVID19 easier as courses were designed to be offered online.
- The trainers were ordered and shipped. Once delivered and set up, the students will begin to use them and gain more technical knowledge of the equipment.
- Established tutoring sessions for students struggling with course content, converted to online tutoring once the pandemic hit.

### Manufacturing and Industrial Technology (TOP Code: 095600)

- The program has grown over 10% adding new high schools in our dual enrollment courses and offering the Lean Six Sigma Certificate at the Naval Base.
- Developed new courses: a new problem-solving course (MFET 114 Problem Solving & Corrective Action) and a new electronics manufacturing course (MFET 205 Intro to Electronic Manufacturing Services).
- The MFET & ELDT Program faculty continue to collaborate on the proposal accepted by Mentor Connect to develop a new curriculum around tone and vibration including a

## 2019-2020 Program Accomplishments

partnership with the University of San Diego and San Diego State University to support the implementation of the curriculum.

- Built prototype guitar kit components in the new guitar kit-building manufacturing operation; using this manufacturing operation to enhance the laboratories of most of the MFET courses.

### Commercial Music (TOP Code: 100500)

- Improved technology used to meet industry standards. Purchased updated technologies and software for the production lab.
- Purchased a live sound reinforcement system to engage students in hands on learning.
- Improved the quality of instruction through professional development. Instructors completed AVID certifications in Pro Tools music recording software and Sibelius music notation software.
- Instructors completed the Game Audio Institute training at SFSU; integrated into student learning within current video game activities.
- Hosted high school students for recording sessions and Community Studio Recording Nights.
- Held in-person and virtual events for students with music industry professionals to increase student awareness of different industry career paths.

### Applied Photography (TOP Code: 101200)

- Purchased new tools for students to use in the classroom.
- Transitions teaching fundamental camera skills to online.

### Nursing (Top Code: 123000)

- Purchased and integrated simulation supplies which simulate the behavior of patients. This allows nursing students to effectively enhance their clinical thinking and clinical reasoning in response to simulated patient behavior; increases preparation for National Council Licensure Examination (NCLEX) and clinical placements.

### Across Programs

- Continued support of programs through a variety of activities including preparation of committee meetings, held meetings for new grant applicants to convey the application process, collected necessary audit documentation, and liaised with appropriate contacts on budget needs.
- New Coordinator received training to support improved understanding and awareness of grant compliance requirements and processes.
- Advisory board minutes were collected and updated population data is now available to assess program needs.

## **San Diego Mesa College 2019-2020 Perkins Funded Program Accomplishments**

### **Animal Health Technology (TOP Code: 010200)**

- This year's projects focused on incorporating processes and equipment that would lead to an improvement in nontraditional and economically disadvantaged student participation and completion.
- As increasing the number of male and economically disadvantaged students in the program and their subsequent completion rate was the goal, the program focused on increasing the recruitment of male and economically disadvantaged students through modifying the sequence of classes within the curriculum, hiring diverse faculty, and utilizing male students in our outreach efforts.
- The program also purchased equipment that will provide economically disadvantaged students with the access and opportunity to develop skills necessary to be successful in the field as a Veterinary Technician. This equipment included a DTX Imaging System Sensor, SediVue system, cattle chute, heated cages, and a livestock trailer. As the students live within an urban/suburban environment, the majority of them have not been previously exposed to these types of technology and livestock equipment. Now that this equipment is on campus, the students have more time to spend examining and working with the equipment to improve their skills and successfully complete the program.

### **Architecture (TOP Code: 020100)**

- The purchase of SketchUp Pro Lab License and SU Podium V2.6 with Perkins funds was beneficial to provide comprehensive training to students who intend to transfer to 4- and 5-year colleges. As the economy improves there will be a high demand for individuals who are adequately trained to enter the workforce. Allowing Architecture students access to industry standard software puts them ahead of the game when job searching.

### **Accounting (TOP Code: 050200)**

- Perkins funds were requested to attend the TACTYC conference. This conference was cancelled due to COVID19. The program will continue to seek professional development opportunities for faculty to connect with Accounting experts and gain new knowledge and strategies on providing academic programs to students with disabilities and limited English proficiency.

### **Business Administration (TOP Code: 050500)**

- By learning about some of the most successful businesses and business owners in today's market we are giving our students a competitive edge in the field for employment purposes. The Inc. Magazine is a well-known and recognized American weekly entrepreneurship magazine that organizes an entrepreneurship conference on an annual basis. Attendees have tangible real-life examples of what successful businesses are doing in today's business environment, from small businesses with less than 10 employees to large startups that have been successful. Attendance to this conference was for professional development and to improve the entrepreneurship program.
- LexisNexis software purchased; will further students' learning by providing them with unlimited research to legal materials.

## 2019-2020 Program Accomplishments

### Multimedia (TOP Code: 061410)

- Updated software and hardware. In the Multimedia field, instructors must keep attuned to contemporary trends in industry as changes occur in the field of digital technology with increasing speed and regularity. By being able to access, train, and work on industry standard software and hardware, instructors and advanced students are better able to develop and improve their skills, both for instruction and future employment in industry.
- Finalized course revisions (MULT 121, 122, 124) and new classes (MULT 100, 148, 150, 152, 154, 160, 162, and 164); implementation for fall 2020.

### Computer Information (TOP Code: 070200)

- The goal was to maximize student engagement and improve their technical skills. Faculty laptops requested will provide sufficient processing and storage capability to support the demanding and emerging areas of CISC discipline, including integration of robotics in curricula, modeling and simulations, 3D game design development and virtual reality applications. Empowered by these tools instructors will be more knowledgeable and adept, will be able to challenge, inspire, and edify our students. The server will support efforts to explore and apply new computational and pedagogical technologies, like hosting a Jupyter platform hub.
- The iClickers purchased help maintain student engagement during lectures. Presenting course material in a game-like format, students focus more intently, enjoy their learning, better retain the material being reviewed, and perform more successfully overall.

### Exercise Science (TOP Code: 089900)

- Curriculum updates; removing/revising prerequisites for final class in the program to ensure students are not unduly delayed.
- Certificate development for a health and wellness coaching certification program to address the persistence deficit.
- Received 4 Max the Muscle Skeleton and Anatomy Muscle Limbs; beneficial for students to have a more accurate visual knowledge of human body 3D, rather than 2D.
- Provided students with additional support for technical skills attainment.

### Physical Therapist Assistant (TOP Code: 122200)

- This year, the program goal was to increase the quantity of equipment such as hospital beds, cervical and lumbar traction, myotrac, goniometers, inclinometers, wheel chairs, convertible staircase, and TLSO braces, to allow students to successfully prepare for clinical experiences.
- The purchase of Eco Pro pillow covers was beneficial for students to practice infection control techniques.
- The purchase of PTA CSIF web base program facilitated the tracking of clinical sites and clinical professors to ensure a thorough, directed clinical practice portion of PTA students. Maintaining current industry practice ensures underrepresented populations have the best education available at an affordable cost.

### Radiologic Technology (TOP Code: 122500)

## 2019-2020 Program Accomplishments

- Purchased and integrated iPad to enter competencies and grades into the online Trajecsys to keep track of clinical hours and evaluate students in clinical setting. System covers SLO's for 6 clinical courses. SLO's include image evaluation, quality positioning, professionalism, radiation safety, critical thinking, and communication. Having all information centralized is beneficial for students to stay motivated and focused on program completion, which should help improve the persistence deficit.

### Dental Assistant (TOP Code: 124000)

- Purchased dental instrument kits to allow each student to practice and master all the procedures necessary to become a Registered Dental Assistant. The Kavo Panorex X-Ray unit and new radiology mannequins will help both traditional and non-traditional students attain technical skills, persist in their dental assisting program, and pursue licensing and certifications. The Pano X-Ray equipment was installed and incorporated into the curriculum to allow students to perform the skills needed to be successful in the workforce in San Diego County. However, due to the COVID-19 pandemic, classes were shifted to a remote format and the use of the equipment has been delayed.

### Interior Design (TOP Code: 130200)

- Faculty members were able to attend IDEC 2019 Pacific West Regional and AIA Women's Leadership Summit to learn about the most current issues women face when entering into the professions of interior design and architecture, including gaining respect on a construction site, negotiating, managing teams, and getting promotions. Information is being integrated into courses to better prepare students as they become more competitive.
- The program provided a 6-hour 3D Rendering workshop with the purpose of guiding students from the SketchUp "scene" to beautiful photo realistic images, producing portfolio worthy work.

### Fashion (TOP Code: 130300)

- Purchased and integrated up-to-date equipment and technology, helping students attain the technical skills necessary to become more marketable.
- Continued to provide enhanced training to Digital Patternmaking students with StyleCAD software.
- With the purchase of 7 mannequins, students will work on mannequin visual display, this allows students to learn and practice principles of visual merchandising.
- Faculty members were able to attend conferences for networking opportunities for students with potential job and internship opportunities.

### Commercial Dance (TOP Code: 109900)

- The industry standard recording, sound, and costuming equipment purchased will improve the classroom experience for those Dance Students who have a desire to use videography as a profession. Students will be able to use the equipment as a resource to record dance class assignments and movement exams.
- Received shelving organizers; supports student training on sorting and categorizing costumes from vintage, colors, fabrics, and accessories. Students interested in costume organization, now will have in class experience before entering the workforce.

## 2019-2020 Program Accomplishments

### Culinary Arts (TOP Code: 130600)

- The program focus was to build specialty skills and continued enhancement of technology. This year the Point of Sales (POS) terminals were updated, as every culinary and hospitality student must have POS technical skills.
- Students were also professionally trained in the use of the new Espresso Cappuccino machine.
- The students learned how to properly handle a portable display case to transport food safely according to state and federal regulations, as this relates to maintaining the integrity of the product. Students will proficiently use all basic culinary equipment which gives them greater exposure to industry practices.

### Geographic Information Systems (TOP Code: 22-01)

- Students must be proficient on industry standard software; providing GISG students with access to the ENVI remote sensing software for processing and analyzing geospatial imagery sets our program apart from others in the area.
- Purchased iPads to address issues of equity, in particular, students who do not have access to personal tablets as smart phones and tablets are taking over traditional GPS receivers for data collection within ESRI's ArcGIS software and mobile data collection applications.
- Acquired BadElf GNSS surveyor devices that allow for more accurate data collection that do not rely on cell towers, instead relying on satellites for position information, these devices are to be used with a tablet without being connected to the internet or a WIFI network.

### Across Programs

- Senior clerical assistant provided support to faculty in the procurement of equipment, processing requisitions, paperwork related to travel, scheduling advisory committee and Perkins meetings, and maintenance of all programmatic items including purchases, budget updates, deadlines, quarterly reports, and final reports.
- Coordination funding was used for professional development activities that included sending two administrators, four faculty, and five classified professionals to seven conferences that support the improvement of CTE programs and data collection.

## **San Diego Miramar College 2019-2020 Perkins Funded Program Accomplishments**

### Biotechnology (TOP Code: 043000)

- Program faculty successfully offered the Quality Assurance (QA) course and Supply Chain Experience (SCE) course using industry standard required pipettes and training equipment.
- Upon conclusion of the courses, Certified Quality Improvement Associate (CQIA) certification testing was offered.

### Accounting (TOP Code: 050200)

- Faculty attended Professional Development including the RP Group Strengthening Student Success Conference, which offered non-CTE & CTE best practices for serving special populations, integrating the secondary pipeline, strategies for equitizing curriculum & pedagogy, providing student support services from an instructional services perspective.
- The two Accounting courses, ACCT 120 & 121, were updated to provide an online modality option. Curriculum was reviewed comprehensively resulting in updates to materials, including new videos & tools; resources (purchased & created); student learning outcomes; pedagogy; & exam methods.
- Reference books were purchased to complete CA Tax Education Council & IRS re-approval.
- Faculty collaborated with the WBL Coordinator to establish opportunities in accounting.
- A summer internship with a CPA firm was established and a Miramar student was selected.
- Faculty collaborated with Career Services on career readiness.
- Advisory meetings were held & committee feedback was incorporated.

### Marketing and Distribution (TOP Code: 050900)

- During this phase of the project, faculty identified and researched current marketing best practices, technology, and trends. Using this information, faculty then gathered curriculum information and began writing program plan and identified a target audience. Feedback from the business advisory committee was also integrated into the curriculum and program plan.

### Fitness Trainer (TOP Code: 083520)

- Program faculty identified and researched professional development including training on advanced technology.
- Curriculum and program improvements were implemented using industry standards and accepted equipment brands such as PLAE.
- Faculty assessed equipment capacity for special population needs.
- Faculty collaborated with WBL Coordinator to integrate strategies in pedagogy.
- Faculty converted Exercise Science panel event for students to virtual format.
- Faculty met with employers and hosted employer visits resulting in securing student employment opportunities.
- Outreach to high schools was conducted. Participated in the High School CTE Signing Day, and obtained a commitment from Nektar as business sponsor.

## 2019-2020 Program Accomplishments

- Facilitated the college student focused Human Movement Club meetings on-campus.
- Program outreach materials were also distributed widely and included special populations.

### Diesel Technology (TOP Code: 094700)

- Program faculty developed curriculum for an applied mathematics course and a hydraulics course which integrated new hydraulic training board equipment. The courses were both fully approved through the curriculum approval process and are included in Miramar's 2020-2021 college catalog.
- Data was incorporated for program improvement considerations and faculty worked on mid-term NATEF accreditation requirement.
- Outreach and student support activities were completed including the creation of a diesel technology scholarship for high school students planning to enroll in Miramar's program and a parent information night event.
- Various professional development was offered to faculty including equity-based instruction and services.
- An advisory meeting aimed at developing an apprenticeship opportunity was held with employers and the Dept. of Apprenticeship Standards (DAS).
- WBL offered to students.

### Automotive Technology (TOP Code: 094800)

- Faculty hosted Honda, Toyota, & General Motor advisory meetings & implemented the committee's course improvement recommendations.
- Faculty attended Professional Development activities including specific manufacturer training- Toyota Hybrid Systems training in preparation for updating their inventory of curriculum with a focus on hybrid specialty equipment.
- Faculty with Athena Racing Women's Club to incorporate recommendations on how to outreach & support the needs of female students.
- Student support was integrated by offering targeted tutoring through the Academic Success Center; a dedicated counselor was assigned to the program.
- Faculty collaborated with Job Placement Coordinator to plan for, develop, and place students in work experience/internships and entry level positions with dealers & independent shops.
- Faculty participated in on-campus outreach events including Discover Your Drive, and spring 2020 CTE Signing Day for high school and college students.
- Offered 4 high school students dual enrollment.

### Medical Lab Technology (TOP Code: 120500)

- Program faculty facilitated Clinical Laboratory Science (CLS) curriculum through college curriculum approval process; remaining steps will be completed this coming year.
- Faculty identified and began purchasing required equipment needs for CLS classes based on recommendations from industry and advisory board.

### Emergency Medical Services (TOP Code: 125000)

- Faculty attended Professional Development such as the EMS World Expo conference & provided in-service updates on TECC & psychiatric emergency pre-hospital care.
- Faculty worked with advisory committee to create program cohort.



## 2019-2020 Program Accomplishments

- Stackable EMS & Public Safety certificates using a cohort model were initiated in collaboration with the program's industry advisory board.
- Work-based Learning was integrated in curriculum using advisory board recommendations regarding soft-skills training and local EMSA protocols in preparation for employment.
- Additional student internships with Care Ambulance OC were secured which provided EMGM 205 students "ride alongs" and an opportunity to interface with Advance Life Support (ALS) providers.
- High School outreach was prioritized by providing EMT training to student cohorts with their feeder high school and an EMT course was offered to Health Science High School students.
- Manikins were integrated to support bridge to paramedic course and EMGM 105A.

### Child Development and Early Care and Education (TOP Code: 130500)

- Outreach activities were conducted and included special populations.
- 90 High School students participated in CTE Signing Day- 27 attended the Child Development breakout session.
- Pathways were strengthened by offering college courses to high school; strengthened bridge w/ SDCCD Continuing Education.
- The Child Development Department partnered with the YMCA on virtual program activities.
- Program strengthened its retention and student support efforts by holding career pathway advisement open hours and delivering a Child Development entrepreneurship workshop for students.
- Program faculty collaborated with the Academic Success Center to provide tutoring to students.
- Program collaboration with the Work-based Learning Coordinator on improving job placement information and assistance to students by delivering workshops & classroom visits; attended Jobspeaker training; and explored career exploration tools such as Nepris & Career Spots.
- Faculty met with the Region 10 representative and districtwide discipline faculty on the alignment of courses and program workplans statewide CAP curriculum.

### Paralegal (TOP Code: 140200)

- 80% of classes converted to using open educational materials (OER) or a web-based access in the curriculum.
- Program faculty collaborated with a dedicated CTE counselor to support students through counseling and career guidance for completion of gateway and capstone courses.

### Fire Technology (TOP Code: 213300)

- The Fire Academy Coordinator attended statewide California Fire Technology Directors Association (CFTDA) professional development meetings and advisory committee meetings to prepare and implement program improvements and curriculum development such as Fire Fighter 1 (FF1) Certification.
- Student support was prioritized by assigning supplemental instructor (SI) in fire technology courses.

## 2019-2020 Program Accomplishments

- Outreach to high school students and the college was also prioritized.
- The Program Director planned and attended high school meetings as well as reviewed and renewed their high school credit by exam agreement.
- The program faculty prepared for the College's spring career fair to encourage career awareness and interest.

### Piloting (TOP Code: 302020)

- Based on input and recommendations from industry advisory committee, faculty updated the Aviation Operations curriculum, including training simulators to meet Federal Aviation Administration and Transportation Security Administration regulations for ground school and flight simulation, and Unmanned Aviation Systems.
- Program Director and discipline faculty attended Professional Development, which included the Heli-expo & webinars on electronic flight software and simulator training toward Work-based Learning.
- The Program Director strengthened industry partnerships and potential Work-based Learning through meetings with Delta Airlines.
- The program hosted program visits with Skywest & Alaska Airlines and met with various maintenance organizations.
- Student support and outreach to nontraditional populations were prioritized by providing supplemental instruction support to 4 AVIA classes. Due to the COVID-19 mandated campus closure, the Program Director & Chair initiated discussions with the FAA regarding online options.

### Across Programs

- Professional Development offered to faculty in a variety of fields and critical topics, including workshops for Advanced Transportation, workshops on "Courageous Conversations" and "How to Make Change Less Overwhelming." Career education team of faculty and administrators attended RP Group Strengthening Student Success Conference. Other Professional Development focused on Work-based Learning and offered on campus to faculty including workshops entitled "Adaptability: Teaching Employable Skills in any Classroom" and "Bringing Career Services into the Classroom." Held a Career Education Faculty Institute; 26 faculty participated and began research projects to improve equity-minded student access and retention.
- Career Ambassadors connected with outreach to coordinate new outreach beginning with high school transport and early childhood program. Outreach events called Discover Your Drive & Discover Your Passion were delivered on campus along with a CTE Signing Day in February aimed at high school students.
- Credit by Exam and dual enrollment opportunities were offered to San Diego Continuing Education and high school.
- CTE students were assigned counselor for comprehensive education planning.
- During closure, we expanded marketing of essential worker training to support retraining of displaced workers into recession-resistant careers.

**San Diego Continuing Education  
2019-2020 Perkins Funded Program Accomplish**

Small Business and Entrepreneurship (TOP Code: 050600)

- Over 350 hours of in-person and virtual tutoring were offered to SDCE students. This enabled SDCE to provide an entrepreneur space to support the small business program. This tutoring and entrepreneurial assistance helped students with program completion including the program capstone event. These capstone events were the culmination of projects completed by students, and were held in both in the fall and spring. In the spring the capstone projects were held virtually. In total over 300 students participated.
- Faculty were also able to attend the National Association for Community College Entrepreneurship and League for Innovation Conference to help support program curriculum and support structures.
- The program was able to convert online at a rapid pace and was able to transition the scope of the Perkins project support online as well. Over 30 virtual zoom sessions were held in the period of April/May for current students.

Business Information Worker (TOP Code: 051400)

- There were 24 large scale monitors installed and have had a tremendous impact on the students, providing them hands on experience with using a split screen and the option of a larger viewing space for complex projects.
- Received feedback from Industry Partners that the large screens are becoming more common in the workplace and offering this technology in the classroom is an excellent training tool. For students with disabilities, the large monitors have been a great way to support their learning.
- Digital books are available in the classroom and the large monitors compliment this learning application.
- Due to COVID 19, over 200 additional students transitioned to digitals books and digital resources introducing and strengthening their knowledge and use of these resources for online and remote instruction.

HVAC (TOP code: 094600)

- In Fall 2019, 17 students successfully passed the Articulation Exam for the San Diego City College AIRE (HVAC) Program.
- The newly purchased HVAC equipment was received late Fall 2019 and early Spring 2020. The equipment was assembled, and students immediately used it, enhancing their learning. It was apparent that this new equipment made a difference to both teachers and students. Students were able to receive instruction without interruption.

Automotive Technology (TOP Code: 094800)

- Purchased new hands on trainers to provide for larger classes with better social distancing.
- Faculty Attended the Fall 2019 CAT conference.

## 2019-2020 Program Accomplishments

- The 507 series classes were aligned to accommodate the smog program and several students have now obtained a California State Smog Inspector license and are working full time in the automotive industry.

### Plumbing (TOP Code: 095200)

- The lesson plans were modified to incorporate the plumbing wall development and the advisory board provided feedback on the plumbing wall.
- An effort to coordinate the two classes in a lab environment has begun. This is a step forward in the goal to have a cohesive program where the three courses can achieve a seamless and coordinated instructional pathway enabling the student to see the process in plumbing from design, implementation, and code compliant completion. The goal of the program is to inevitably prepare the student for the plumbing workforce and this beginning lab coordination between courses is the foundation for further success in that goal.

### Child Development (TOP Code: 130500)

- The faculty completed the curriculum approval process for 7 new stackable certificate programs which received support from industry and college partners. Emphasis was placed on clearly articulated pathways to employment, entrepreneurial opportunities, and college transition. Information regarding new offerings were widely disseminated to internal and external stakeholders.
- A series of meetings were held with student service leaders to ensure a variety of support services including counseling, mandatory orientations, managed enrollment, and employment assistance.
- An online evaluation was developed and distributed to students to help shape program development and improvement. The goal was to keep the student voice present in programming decisions and policies.
- 100 % of faculty completed online training and engaged in professional development opportunities. Additional hybrid/online offerings will further support non-traditional students.

### Across Programs

- R2S PATHWAYS used its services in meaningful ways to address achievement gaps while creating best practices to support students completing their educational and career goals.
- R2S PATHWAYS Intake Coordinators worked with a cohort of 200 students at two SDCE sites, Cesar Chavez and Educational Cultural Center campuses, targeting Heavy Voc and Skill Trades, Business and Information Technology, and Health Care Careers.
- An additional 400 students received light services through R2S PATHWAYS – lending library; textbooks; bus passes; testing fees; and other direct supports as available.
- Funds supported a new Distance Education faculty mentorship and coordination program. This enabled all SDCE CTE faculty to have access to a dedicated mentorship structure in Spring 2020 to rapidly convert all programming online.
- Funds supported institution-wide enhancement to program planning and data review.



### 2020-2021 Perkins Grant Usage

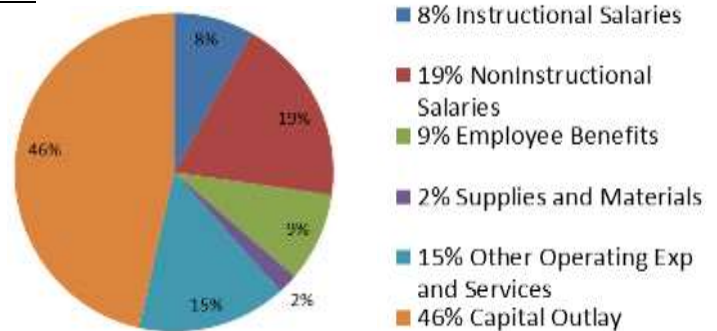
During the 2020-2021 Academic year, SDCCD received \$2,454,848 in Perkins grant funds. No set aside funds were designated by the state for CTE Transitions activities. The amount of Perkins funds received by the state is determined annually by the disadvantage student count as certified through MIS. This document provides a high level summary of the use of the Career Education designated funds (\$2 million).

CTE Transitions:	\$ 0	<i>(No Separate Funding Provided)</i>
Career Education:	\$2,454,848	<i>(100.00%)</i>
Total	\$2,454,848	

85% of the Career Education funds were distributed directly to the institutions.

City	\$500,163	
Mesa	\$611,380	
Miramar	\$433,600	
SDCE	\$541,478	
<b>Total Institutions:</b>	<b>\$2,086,621</b>	85%
District:	\$368,227	
<b>Total</b>	<b>\$2,454,848</b>	

Program Specific:	\$1,954,685
Across Programs:	\$ 500,163
<b>Total</b>	<b>\$2,454,848</b>



Of the \$2 million allocated to the institutions 72% was spent on specific programs and 28% on across program services and special projects. Districtwide, forty-one programs received funding.

### 2020-2021 Perkins Funded Program Accomplishments

Across the thirty-six career education programs that received 2020-2021 Perkins funds, a wide variety of positive outcomes were achieved. Program areas that received Perkins funds included:

- City College: Arts Entrepreneurship, Fitness Specialist, Nursing, Photography, Technical Theatre
- Mesa College: ALS, Architecture, Culinary Arts, Dental Assisting, Fashion, Fermentation, Fitness Trainer, GIS, Health Info Tech, Interior Design, Physical Therapy, Rad tech, Vet Tech
- Miramar College: Accounting, Automotive Tech, Aviation Maintenance Tech, Business, Biotech, Child Development, Computer Business Tech, Diesel Tech, Fire Tech, Medical Lab Tech
- College of Continuing Education: Auto Tech, Child Development, Culinary, Clothing & Textiles, Digital Media, Small Business, Welding



**2021-2022 Perkins Grant Usage**

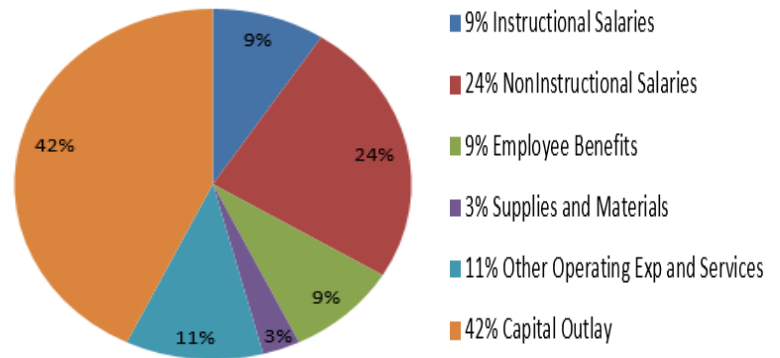
During the 2021-2022 Academic year, SDCCD received \$1,764,656 in Perkins grant funds. No set aside funds were designated by the state for CTE Transitions activities. The amount of Perkins funds received by the state is determined annually by the disadvantage student count as certified through MIS. This document provides a high level summary of the use of the Career Education designated funds (\$1.7 million).

CTE Transitions:	\$ 0	<i>(No Separate Funding Provided)</i>
Career Education:	\$1,764,656	<i>(100.00%)</i>
<b>Total</b>	<b>\$1,764,656</b>	

80% of the Career Education funds were distributed directly to the institutions.

City	\$380,601	
Mesa	\$415,613	
Miramar	\$279,663	
SDCCE	\$335,849	
<b>Total Institutions:</b>	<b>\$1,411,726</b>	80%
District:	\$352,930	
<b>Total</b>	<b>\$1,764,656</b>	

Program Specific:	\$1,194,811
Across Programs:	\$ 569,845
<b>Total</b>	<b>\$1,764,656</b>



Of the \$1.7 million allocated to the institutions 68% was spent on specific programs and 32% on across program services and special projects. Districtwide, twenty-seven programs received funding.

**2021-2022 Perkins Funded Program Accomplishments**

Across the twenty-seven career education programs that received 2021-2022 Perkins funds, a wide variety of positive outcomes were achieved. Program areas that received Perkins funding included:

- City College: Accounting, Graphic Design, and Commercial Music
- Mesa College: Vet Tech, Fermentation, Exercise Science, Physical Therapist Assistant, Radiologic Tech, Dental, Interior Design, Fashion, Culinary Arts, and Geographic Information Systems
- Miramar College: Diesel, Automotive, Medical Lab Tech, Child Development, Paralegal, Fire, and Aviation
- College of Continuing Education: Digital Media, Clothing Construction, Culinary Arts, Automotive, Welding, and Child Development