

DIABLO VALLEY COLLEGE

SUMMER/FALL 2018 • VOLUME 1 • ISSUE 1

CareerFocus

**No bachelor's
degree?
No problem.**



**MORE
ON THE
INSIDE**

**ADVANCED MANUFACTURING
WHERE TECHNOLOGY
MEETS INNOVATION**

**NEXT-GEN CAREERS
IN ART, DESIGN
AND TECHNOLOGY**

**DISPELLING THE
TOP FIVE COMMUNITY
COLLEGE MYTHS**

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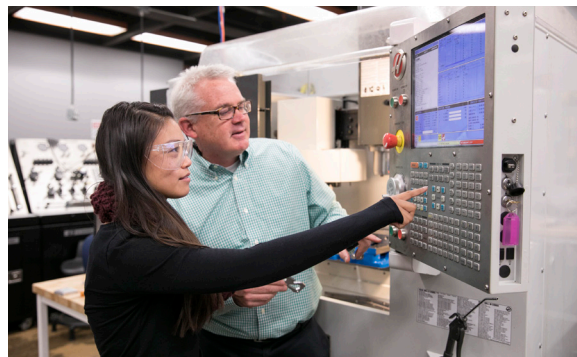
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It's the easy way to share articles, access Diablo Valley College resources and get on the path to a new career.





Advanced Manufacturing

Where technology meets innovation



Due to technology advances leading to increased automation, some have expressed concern about the impact on manufacturing jobs. While it is true there have been some manufacturing job losses, there have also been gains that are propelling manufacturing to the forefront. This is important because manufacturing helps to create economic stability in communities by helping to move workers up the wage ladder.



Dr. Jeffrey Smith

According to a report from the Milken Institute, “For every job created in manufacturing, 2.5 jobs are created in other sectors.” And for every STEM-related manufacturing job created, the number of jobs created in other sectors is even higher.

Emerging technologies and innovative methodologies

Advanced manufacturing utilizes emerging technologies and innovative methodologies to improve both products and the manufacturing process. While lower-skill processes may now be automated and/or handled overseas, workers trained in advanced manufacturing processes and technologies are thriving. If the U.S. manufacturing sector were a country all on its own, it would still rank as the eighth largest economy in the world.

Bay Area employers need workers with a high level of technical skill to run and maintain complex machines, robots and computer systems. Unlike manufacturing jobs of the past, these new jobs are clean, steady and offer good pay.



In fact, factory workers are some of the best paid workers in the country. According to AJ Jorgenson of the Manufacturing Institute, "Today's manufacturing employees earn higher wages and receive more generous benefits than other working Americans." Unfortunately, there is a skills gap with too few technical workers available to fill too many jobs. Jorgenson notes, "Eighty percent of manufacturers report they cannot find individuals with the skills required."

While the Labor Department reports that manufacturing jobs have declined 35 percent since 1980, the industry has seen a steady resurgence in recent years as companies move operations back to the United States. Today, manufacturing is leaner but smarter. This means the jobs that "return" to the U.S. are different than those that left. These returning jobs are more technical, requiring training.

Advanced manufacturing at DVC

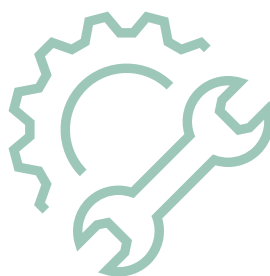
Diablo Valley College is an outstanding resource for the kind of training needed for these technical jobs. Dr. Jeffrey Smith is an adjunct professor who teaches within DVC's new industrial design and advanced manufacturing programs. These programs include courses in industrial design, SolidWorks, technical drawing and computer numeric control (CNC).

Dr. Smith notes, "I think DVC has some incredible programs. Within our engineering technology building, we have industrial design, architecture, engineering, construction management and electronics...We share many of the technical classes, and also use many of the rapid prototyping machines. Our students develop 3D CAD models that are later built from laser cutters, 3D printers and CNC machining equipment...Our engineering technology programs have far better equipment than most four-year colleges."

Diablo Valley College's faculty creates connections with local employers to enrich the student experience and lead to gainful employment in the field. Within DVC's industrial design and manufacturing programs, businesses have presented students with design challenges.

Dr. Smith shares, "Our design challenges have ranged from designing 'on the go' water bottles for Brita to designing tents and backpacks for Colombia/ Mountain Hardware...We recently reached out to Autodesk and developed a 'Design for Industry' challenge using their advanced 3D modeling Fusion software." DVC students designed speakers and headphones for BOSE and Sennheiser, taking home \$1500 in cash prizes.

Dr. Smith said, "I am always amazed how talented DVC's students are, and how they rise to these industry challenges."



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STUDENT SUCCESS

Associate in science degree in industrial design

Jordan Lai



Jordan Lai

Jordan Lai is an industrial design major at Diablo Valley College. He will be graduating this Spring with an associate in science degree in industrial design, as well as a certificate in computer aided drafting. He will transfer to a university to complete his bachelor's degree in industrial design.

"The teachers and staff in the architecture and industrial design department are nothing short of outstanding. It's hard to find people in general to be so passionate about what they do, as well as pass that on to students. The students feed off of the professors' passion and vice versa...I'm impressed by my peers' talents, and the different talents that each individual brings to the table. It enriches the learning environment and really expands our creativity," Jordan said.

While attending DVC, Jordan also works in his field. "I work for Dyson, and I am a product expert," said Jordan. "My education has greatly helped me in my corporate job. Being in industrial design, specifically a product design major, I think was a factor in why I was hired. My ability to relate product features and why the end user would find them useful I think was the key part. At work, we also collaborate on projects and with retail partners, and my education has taught me how to work more effectively in a group environment...For instance, this semester, I am leading three design projects with peers, and I never would have imagined myself doing this."

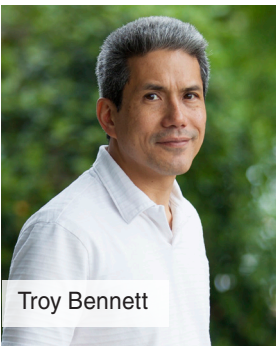
Jordan's experience at DVC has meant a lot to him. He says, "I absolutely recommend DVC to prospective students. I have met and befriended people from France, Belgium, Australia and China to name a few. I have also met individuals from all walks of life. DVC is an excellent environment to enrich not just your education, but more importantly your life...It's a stepping stone to what lies ahead in life but the time spent here has truly prepared me for it in more ways than I can imagine."

Next-Gen Careers in Art, Design and Technology

The relationship between art and technology continues to rapidly evolve, creating both challenges and opportunities. To be successful in the fields of digital media, graphic design, film, television and/or electronic arts, students need strong mentors empowered with the latest technical tools to help them develop the right combination of talent, skill and technique. And because all of these fields are interrelated, it is important that students cross-train within the spectrum of available courses. This enables them to prepare to enter the job market, as well as advance in the field later on.

Art and design careers at DVC

Students enrolled in Diablo Valley College’s art digital media, graphic design and/or film, television and electronic arts programs have outstanding faculty, facilities, and tools at their disposal. Professor Troy Bennett teaches digital imaging, web design, interface design, and portfolio prep and development. He is also in the process of developing a new associate degree in interaction design for web and mobile media for DVC.



Troy Bennett

With 30 years experience comprised of freelance design, client-side interactive team management and teaching, he has much to share with his students. Noting that art digital media has close ties to DVC’s fine art and photography department, Bennett says, “We share

many students who are cross-pollinated with sharp aesthetic and conceptual thinking, and strong digital tech skills...Our proposed interactive program will continue this cross discipline learning with computer science, CIS and business.”

Professor Bennett is particularly pleased with the relationships his department has developed with local businesses and organizations, such as Oakland Digital Arts and Literacy Center. Bennett comments, “Oakland Digital is a non-profit design studio working



Industry-leading tools and technologies

- Macintosh Workstations
- Maya - 3D Modeling and Animation
- Adobe Creative Suite - Design and Video Editing
- Unreal Engine - Game Design Platform
- Axure RP, Sketch and InVision Studio - Web Design

to close three gaps: digital literacy, opportunity, and tech inclusion among under-resourced entrepreneurs and students. They are on our advisory board, and also include our students in design competitions, summer internships and workshops in association with companies like LinkedIn, Salesforce, and Dropbox. These folks have spoken to my classes and helped students with industry advice and insights.”

STUDENT SUCCESS

Associate degree in art digital media

Mauricio Morazán

Mauricio Morazán is graduating from DVC this spring with an associate degree in art digital media, and will transfer to San Francisco State University. Mauricio is originally from El Salvador, and after arriving in the United States, he struggled a bit with his English skills. Recalling



Mauricio Morazán

his freshman year of high school, Mauricio says, “I had a great English teacher who guided me...and gave me the motivation to follow my dreams.” Mauricio indicates he chose DVC “because it has a cool art digital media program, with software such as Photoshop, Illustrator and Premiere Pro.” He appreciates the overall strength of DVC’s course offerings, noting

his interests in graphic design, photography, cartoon animation, video editing and web design.

Mauricio received support from DVC’s Extended Opportunity Program and Services (EOPS), and now works for that program as a peer advisor assistant, helping students as a way of giving back. He is also a teaching assistant for Joann Denning, a professor in the art digital media department. He credits Professor Denning for helping him to develop his skills in Adobe Illustrator, later resulting in him winning the Inspire Oakland Billboard Competition.

Mauricio shares, “I totally recommend Diablo Valley College.” It has a nice student atmosphere where you can participate in clubs or school activities, and also where you can build connections with companies. It prepared me for it in more ways than I can imagine.”

CAREERS THAT BLEND ART AND TECHNOLOGY

Graphic Designer
Median Salary: \$69,340

Storyboard Artist
Median Salary: \$71,744

Art Director
Median Salary: \$136,150

Web Designer
Median Salary: \$75,415

Digital Media Specialist
Median Salary: \$58,529

Multimedia Artist and Animator
Median Salary: \$91,750

Web Developer/Programmer
Median Salary: \$106,160

Sound Design Specialist/Audio Engineer
Median Salary: \$53,421

Interface/Interaction Designer
Median Salary: \$100,145

Video/Film Producer
Median Salary: \$103,190

Video/Film Editor
Median Salary: \$88,020

All salary data on San Francisco-Haywood-Oakland, CA from Bureau of Labor Statistics (May 2017), www.indeed.com, and www.comparably.com.

Break the Mold

Choose a career based on passion, not gender

Male-dominated and female-dominated jobs have always been part of the landscape in the American workplace, but these barriers have started to fall.

The men working in daycare centers and the women working in STEM careers know how it feels to be one of only a few in their position at their place of employment. It takes a certain amount of courage to choose a career that may be viewed as “unique” for your gender.

An occupation is considered to be “non-traditional” for women if women make up less than one quarter of the workforce for that job. The same goes for men - if men comprise less than one quarter of the workforce

for a particular job, then that job is considered to be non-traditional for men.

The reasons you might be interested in a career that is not traditional for your gender are the exact same reasons that you might be interested in any career:

- The career may really inspire and excite you.
- You may possess skills and talents that are well-suited for the career you are considering.
- You may know others who are employed in that occupation and may be intrigued by their line of work.
- You might love the concept of “going against the grain” and challenging yourself by pursuing a career that could surprise your friends and family.
- The salary and benefits might be exactly what you are looking for.

What’s right for you?

Don’t let a career stereotype be the barrier to a great career choice. Choose your job based on your interests and talents. You may find that you are part of a growing group of people looking to break tradition when it comes to their futures. You might also be surprised to discover that some non-traditional careers offer strong salaries that can make a huge difference in your ability to support yourself and your family.

If you are pursuing a career that isn’t traditional for your gender, you’ll find that Diablo Valley College has the faculty, staff and resources to help you gain the skills and confidence needed to be successful in your field.

You’ll also find the number of people who are choosing a non-traditional career is growing. Before you know it, some careers may not be considered “non-traditional” for much longer. Careers in interactive media, web

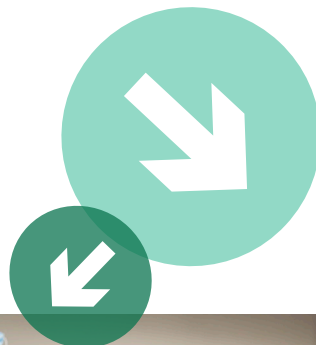
design and web development have historically attracted more men than women; however, this seems to be changing.

Troy Bennett is a professor in DVC’s art digital media program, and from his perspective, the industry is now “fairly evenly balanced.” He notes that there are a “significant number of female students who have gone on to grow into senior level positions at design agencies and Fortune 500 companies.”

Although industrial design is considered non-traditional for women, according to DVC Professor Dr. Jeffrey Smith, “I have always been told that industrial design is a great career for women. Empathy is a huge part of developing products. Many of my female classmates back at Rochester Institute of Technology (RIT) are working as designers. Product design is a true blend of art and engineering.”

Non-traditional careers at DVC

Diablo Valley College offers several academic and career education programs that are considered to be non-traditional for men or women. Consider the following options:



Non-traditional for Women:

Administration of Justice
Architecture
Art Digital Media/Graphic Design
Computer Information Systems
Computer Network Technologies
Computer Science
Construction/Pre-Apprenticeship
Electrical/Electronics Technology
Energy Systems

Engineering Technology
Film, Television and Electronic Media
Geographic Information Systems (GIS)
Heating, Ventilation, Air Conditioning, Refrigeration
Industrial Design
Mechanical Technology
Plumbing
Steamfitting

Non-traditional for men:

Culinary Arts
Dental Assisting
Dental Hygiene
Early Childhood Education
Horticulture
Library Technology
Respiratory Therapy
Special Education



Over 60% of insiders believe that **more employers will make the move to skills-based hiring: choosing candidates based on what they can do, rather than degree or pedigree.**

No Bachelor's Degree? No Problem.

High-growth, high-demand jobs are available in California, even without a bachelor's degree.

There's a new generation in town: Generation Z. Born between the mid-1990's and mid-2000's, these young people are either just about to finish high school or recently graduated. They grew up during a time of on-going economic and political upheaval, and as they come of age, they want to take control of their destiny. They understand that we are in the midst of the "gig economy," and are looking for a pipeline that can lead them toward a meaningful career that offers the skills training, flexibility, and agility needed to succeed now and in the future.

Gen Z-ers aren't the only ones looking for greater control over their careers. Baby boomers in career transition, millennials looking to get ahead, and Generations X and Y exiting out of the military all have a place on the pipeline.



How can they get on the pipeline? Their local community college is a great place to start.

According to LinkedIn Learning's Insider Survey, "Over 60% of insiders believe that more employers will make the move to skills-based hiring: choosing candidates based on what they can do, rather than degree or pedigree." Further, survey results indicated that employers will begin to shift towards skill-based or competency-based hiring, with digital badges and "micro-degrees" serving as an alternative type of credential. In fact, many high-demand, high-growth jobs will require post-high school education, but not necessarily a four-year degree.

In the Georgetown University Center on Education and the Workforce report entitled *Good Jobs that Pay Without a BA*, the authors note, "The reported death of the middle economy is greatly exaggerated. There are 30 million good jobs in the United States today that pay without a BA. These good jobs have median earnings of \$55,000 annually." With 3.4 million

good jobs for workers without a bachelor's degree in California alone, there are outstanding local opportunities for those who have the requisite skills or who enter a training program that imparts those skills.

California leads the way

As with so many other emerging trends and technologies, California is taking the lead, ensuring that residents have the skills and opportunities needed to succeed within the state that boasts the largest economy. California community colleges are well-aware that employers are intrigued by the concept of skill-based hiring - and of course, these colleges already have many outstanding, well-established career-focused training programs that culminate in a certificate or associate's degree.

Diablo Valley College offers many exciting programs emphasizing skill-based learning that lead to good jobs that don't necessarily require a bachelor's degree. Our programs include:

- Architecture
- Art Digital Media/Graphic Design

Did you know?

- Of the career education programs at DVC, approximately **80%** of them prepare students to earn a living wage in two years or less.
- **56%** of all California workers who don't have a bachelor's degree earn **\$55,000 or more** each year.

SOURCE: Georgetown University Center on Education and the Workforce analysis of Bureau of the Census, American Community Survey microdata 2013-2015.



Top five industries in California for good jobs

Manufacturing.....	\$60,000
Health Services	\$56,000
Information, financial activities and real estate	\$62,000
Construction	\$60,000
Retail trade	\$53,000

SOURCE: Median salary data provided by Georgetown University Center on Education and the Workforce Analysis of Bureau of the Census, American Community Survey microdata 2013-2015.

DVC. GET IN, GET OUT AND GET HIRED.

- Computer Information Systems
- Computer Network Technologies
- Computer Science
- Construction/Pre-Apprenticeship
- Electrical/Electronics Technology
- Energy Systems
- Engineering
- Engineering Technology
- Film, Television and Electronic Media
- Industrial Design
- Mechanical Technology
- Respiratory Technology

At Diablo Valley College, you'll be able to affordably prepare for a career that leads to a good job. Some of these programs enable you to earn an industry-recognized certificate in as little as two semesters. Enroll now, and get yourself ready for a career that is in-demand here in California.

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STUDENT SUCCESS

Graphic design and digital media

Tom Cushna

Tom Cushna grew up getting "lost" in California's mountains and parks, finding these natural settings to be an endless source of inspiration for his artistic talent.

"Painting, sketching and photography consumed the walls of my room as I tried to capture my connection with nature," Cushna says.

With time, his life took a detour, and he earned a degree in information technology. Tom spent more than 10 years pursuing a career that was stable yet left him unfulfilled. He started a side business focusing on design and ultimately decided to leave his IT career behind, enabling him to focus on his passion.

To grow his design business, Tom felt he needed to further develop his skills in key areas. "The decision to take classes at Diablo Valley College was critical in rounding out my skills in digital media." He notes that this time, rather than pursuing a certificate or degree, he is "focusing on a few courses that will immediately benefit my career...and also enable me to grow in new directions."

Graphic design and digital media are careers that don't necessarily require a bachelor's degree. Clients and employers will be more interested in a portfolio demonstrating skill and experience - both of which can be gained by enrolling in relevant courses at Diablo Valley College. Tom strongly recommends DVC for its faculty as well as its connections to local employers.

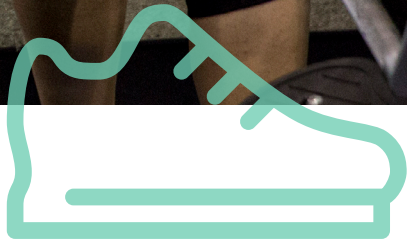
"All of the instructors I have had are incredible. Troy Bennett is world-class. In addition to a deep and broad knowledge of digital media, he also has a wealth of experience from working directly in the industry...Diablo Valley College not only helps you with your education, but also builds bridges to the 'working world.' A great example is the partnership with Oakland Digital, a local design studio that focuses on digital literacy...It's great exposure to real-world feedback and networking opportunities with top Bay Area firms."



Tom Cushna



Athletic Training and Fitness



Rewarding careers that build strength, health and wellness

With soaring rates of obesity, diabetes, heart disease, hypertension and other chronic health conditions in the United States, demand for cost-effective, quality health-promotion and prevention services are at an all-time high. Recognition of the benefits of good nutrition and exercise in preventing chronic disease has created a wide-open career path for qualified athletic trainers and fitness professionals.

Fitness careers at DVC

Shelly Pierson is a member of the Kinesiology faculty at Diablo Valley College and is the program director of the personal training / fitness instruction associate degree and certificate programs. She also serves as the head coach of the men's and women's cross country teams. The flexibility of DVC's fitness and training programs enable students to truly customize their education plan.

Pierson comments, "Students can choose to earn a certificate, an associate of science degree, or both. While both programs offer the same core courses in exercise science, the A.S. degree program includes the general education courses necessary to facilitate transfer to a four-year college or university."

Coursework involves gaining insight on the function of the various body systems, and how they adapt to exercise. Students will learn how to design exercise programs for clients, and how to teach proper exercise technique. Both within the classroom and through internship experience, students explore professional aspects of personal training, fitness assessments, sports psychology, nutrition, and first aid/CPR.



Shelly Pierson



HEALTH AND FITNESS CAREERS

Coach/Scout
Median Salary: \$40,700

Personal Trainer:
Median Salary: \$72,547

Fitness Instructor
Median Salary: \$53,520

Occupational Therapist
Median Salary: \$98,280

Physical Therapist Assistant
Median Salary: \$62,150

Rehabilitation Therapist
Median Salary: \$96,680

Sports/Recreation Management
Median Salary: \$62,820

Athletic Trainer
Median Salary: \$57,310

Dietician/Nutritionist
Median Salary: \$77,230

All salary data on San Francisco-Haywood-Oakland, CA from Bureau of Labor Statistics (May 2017), www.indeed.com, and www.comparably.com.



“ Students can choose to earn a certificate, an associate of science degree, or both. While both programs offer the same core courses in exercise science, the A.S. degree program includes the general education courses necessary to facilitate transfer to a four-year college or university. ”

Fitness career pathways at DVC

- Associate in Arts for Transfer - Kinesiology
- Associate in Science - Kinesiology
- Associate in Science - Sports Medicine / Athletic Training
- Associate in Science - Fitness Instruction
- Certificate of Achievement - Coaching
- Certificate of Achievement - Personal Training



STUDENT SUCCESS

Physical therapy and personal training

Ryan Allison and Lori Golden

Ryan Allison was majoring in Administration of Justice at DVC, but an unexpected incident led him to change his major to kinesiology. “A freeway accident led me into physical therapy, and ever since then, my only goal is to help people recover from injuries and teach proper movement.”



Ryan Allison

Ryan transferred to California State University, Sacramento and obtained a bachelor's degree in kinesiology, with a concentration in therapeutic exercise and rehabilitation. He also completed Professor Pierson's national personal training exam preparation course. He successfully passed the exam, and is now in his 10th year as a certified personal trainer.

Lori Golden had worked in health education and marketing communications for over a decade prior to enrolling at DVC. Although she already had a master's degree in health education, Lori felt that upgrading her skills and becoming a personal trainer would be more fulfilling, and would better align her education with her professional goals.

When exploring career education programs, Lori considered a variety of factors, including quality, length and cost of the program, flexibility of the class schedule, and proximity to her home. She also talked with the Contra Costa County Workforce Development Department of the Employment Development Department, and staff suggested that she consider DVC.

Lori shares, “My experience in the personal training program has been very positive and inspiring. The knowledge of the instructors and the range of learning modalities has been really helpful to learn difficult material like anatomy and physiology. I have also enjoyed learning through practical applications, such as a semester-long internship where I shadowed students...and got to work with my own private client. The combination of these experiences makes me feel I am being well-prepared for a job in personal training... The program even includes a prep class to help you study for the national certification exam.”

Professor Pierson says, “The hands-on internship at DVC is unique. The personal training students work directly with DVC faculty and staff to earn hours of experience while educating and training faculty on fitness and wellness strategies. It is a situation that benefits both the student and the DVC employee...Our program has tight connections within the surrounding fitness community and employers therein... Students who complete our program are guaranteed a job in a fitness facility with a typical starting wage of \$20 - \$25 per hour.”



Lori Golden

Reflecting on his journey that began at DVC, Ryan notes, “Life teaches you more than anything, but school prepares you for life...Don't learn just for yourself, but so you can teach others and pass the torch. Life is 10% what happens to you, and 90% how you react.” Wise words from someone who began his career in fitness and rehabilitation after recovering from injuries sustained in a car accident, and who now helps others to achieve their own health and fitness goals.

Diablo Valley College Guide to Careers

Choosing a career path is an important decision and Diablo Valley College is dedicated to providing education to fit a wide variety of career goals. Choose from certificates, associate degrees and transfer studies to prepare you for careers that support your unique interests and ambitions.

Department	Certificate of Accomplishment	Certificate of Achievement	Degree - Major	AS / AS-T Degree	Possible Careers	Median Salary
Addiction Studies		●	●		Addiction Specialist	\$55,480
Administration of Justice	●	●	●	●	Detective and Criminal Investigator Police Patrol Officer Probation Officers and Correctional Treatment Specialist Criminal Investigator and Special Agent	\$120,740 \$114,280 \$83,350 \$100,360
Anthropology				●	Anthropologist and Archaeologist Anthropology and Archaeology Teacher	\$70,690 \$81,009
Architecture		●	●		Architecture Designer Interior Designer Landscape Architect Architect	\$55,444 \$70,360 \$95,070 \$98,410
Art		●	●	●	Fine Artist Art Teacher, Post-Secondary	\$64,160 \$65,630
Art Digital Media / Graphic Design	●	●	●		Graphic Designer Web Developer	\$72,790 \$113,910
Art History				●	Curator	\$95,790
Biological Science / Allied Health		●	●	●	Biological Technician Life Scientist, Biologist	\$59,080 \$97,400
Business	●	●	●	●	Personal Financial Advisor Human Resources Specialist Administrative Assistant Business Manager	\$168,060 \$91,970 \$77,100 \$110,603
Business Accounting		●	●		Accounts Payable Specialist Accounting Clerk Certified Public Accountant (CPA)	\$40,287 \$56,020 \$92,190
Chinese		●	●		Interpreter and Translator	\$70,710
Communication Studies		●		●	Editor Reporter Technical Writer Public Relations Specialist Training and Development Specialist Advertising and Promotions Manager	\$93,260 \$59,280 \$94,070 \$94,140 \$85,290 \$131,690
Computer Information Systems	●	●	●		Database Administrator	\$106,680
Computer Network Technologies	●	●	●		Computer User Support Specialist Computer Network Support Specialist	\$73,020 \$81,390
Computer Science		●	●		Programmer Software Engineer	\$105,890 \$119,441
Construction / Pre-Apprenticeship	●	●	●		Carpenter Foreman Estimator	\$66,190 \$99,740 \$74,080
Culinary Arts		●	●		Chef Line Cook	\$60,920 \$36,280
Dance			●		Dancer	\$93,830
Dental Assisting		●	●		Dental Assistant	\$51,250
Dental Hygiene			●		Dental Hygienist	\$111,020
Drama		●	●	●	Actor Art, Drama and Music Teacher, Post-Secondary	\$48,399 \$65,630
Early Childhood Education	●	●	●	●	Pre-School Teacher Daycare Worker	\$45,020 \$30,190
Economics				●	Economics Teacher, Post-Secondary Economist	\$65,630 \$121,840
Electrical / Electronics Technology	●	●	●		Electrical and Electronic Engineering Technician Electrical and Electronic Repairer, Commercial and Industrial Electrician	\$69,620 \$63,650 \$90,490
Energy Systems	●	●	●		Solar Installer Wind Turbine Technician	\$49,780 \$49,080
Engineering			●		Electrical and Electronic Engineering Technician Electrical Engineer Industrial Engineer	\$69,620 \$120,780 \$116,540

Department	Certificate of Accomplishment	Certificate of Achievement	Degree - Major	AS / AS-T Degree	Possible Careers	Median Salary
Engineering Technology	●	●	●		Industrial Designer Engineering Technician	\$74,220 \$69,620
English			●	●	English Language and Literature Teacher, Post-Secondary	\$82,290
English as a Second Language	●				ESL Instructor	\$69,460
Environmental Science			●		Environmental Scientist Forest and Conservation Technician	\$103,860 \$23,930
Film, Television & Electronic Media	●	●	●		Video Game Designer Producer Editor Videographer Cinematographer	\$95,970 \$106,270 \$80,310 \$68,080 \$68,080
French		●	●		Interpreter and Translator	\$70,710
Education				●	Elementary Teacher Teacher, Post-Secondary	\$75,320 \$65,630
Geography	●	●	●	●	Geographer Geography Teacher, Post-Secondary	\$77,940 \$65,630
Geology			●	●	Geologist Geology Teacher, Post-Secondary	\$92,720 \$65,630
German		●			Interpreter and Translator	\$70,710
Health Science			●		Medical and Clinical Lab Technologist Phlebotomist	\$65,800 \$55,500
Heating, Ventilation, Air Conditioning, Refrigeration	●	●	●		HVAC Installer	\$63,880
History				●	Historian History Teacher, Post-Secondary	\$75,460 \$65,630
Horticulture		●			Horticulturist Landscaping and Groundskeeping Worker	\$80,170 \$44,000
Humanities			●		Humanities Teacher, Post-Secondary	\$65,630
Industrial Design		●	●		Industrial Designer Product Designer	\$74,220 \$96,640
Italian		●	●		Interpreter and Translator	\$70,710
Japanese		●	●		Interpreter and Translator	\$70,710
Journalism				●	Editor Court Reporter Photographer	\$94,070 \$107,410 \$60,460
Kinesiology		●	●	●	Physical Therapists Coach or Scout Athletic Trainer Fitness Trainer	\$104,680 \$46,630 \$61,640 \$57,210
Library Technology		●	●		Librarian	\$83,890
Mathematics				●	Mathematical Technician Mathematician	\$54,279 \$121,420
Mechanical Technology		●	●		Mechanical Engineer Automotive Engineer / Technician Mechanical Engineering Technician	\$121,150 \$42,343 \$63,650
Music			●	●	Musician Music Director and Composer	\$46,646 \$62,230
Music Industry Studies		●	●		Talent Manager Music Producer	\$130,510 \$106,270
Nutrition				●	Dietitian	\$80,090
Philosophy		●	●	●	Philosophy and Religion Teacher, Post-Secondary	\$65,630
Physics				●	Physics Teacher, Post-Secondary Physicist	\$65,630 \$136,670
Plumbing	●	●	●		Plumber	\$67,060
Political Science				●	Political Science Teachers, Post-Secondary Political Scientist	\$65,630 \$89,695
Psychology				●	Clinical, Counseling and School Psychologist	\$111,190
Real Estate		●			Real Estate Agent Real Estate Broker	\$64,260 \$67,306
Respiratory Therapy			●		Respiratory Therapist	\$97,070
Russian		●			Interpreter and Translator	\$70,710
Sociology				●	Sociologist	\$102,650
Spanish		●	●	●	Interpreter and Translator	\$70,710
Special Education		●	●		Special Education Instructor	\$77,260
Steamfitting	●	●	●		Steamfitter	\$67,060
Transfer Studies - CSU		●			Varies depending on major	
Transfer Studies - IGETC		●			Varies depending on major	

Source for Salary Data: Bureau of Labor Statistics, www.sokanu.com, and www1.salary.com, and www.teachingdegree.org (2018-2018).

Dispelling the Top Five Community College Myths

Myth #1: A degree from a community college isn't as good as a university degree.

Community colleges provide a step-up on your career path ladder, whether that path takes you directly into the workforce, or leads you to a university to continue your education. Community colleges help you along the way, ensuring that after you complete your program, you are ready for your next step. That's the community college difference.

False! A degree from a community college can be a step directly into the job market.

- Diablo Valley College has over 65 programs that lead to a degree or certificate in two years or less. These programs prepare students for building a career that offers responsibility, the chance for advancement, higher wages, and life-long personal growth.
- A degree from Diablo Valley College is the ideal preparation for transferring to a university to obtain a baccalaureate degree, opening up a whole host of additional opportunities.
- A community college education is more cost-effective, reducing your reliance on student loans, or possibly enabling you to avoid them altogether.

Myth #2: The people who go to a community college are the ones who can't get in anywhere else.

Wrong! There are so many reasons students choose to attend a community college. And "choose" is the key word, because most community college students have proactively chosen community college rather than other educational options.

Community colleges are cost-effective, conveniently located with flexible schedules, offer dozens of academic programs and are closely connected with employers in the local job market.



Myth #3: Faculty at community colleges aren't the same as faculty at baccalaureate institutions.

Community colleges attract top students, as well as students who are looking for a fresh start. Community colleges are also a first-line choice for adults in career transition. What do all of these students have in common? They all know that choosing a community college to launch or grow their career is a smart decision. What's more, according to *U.S. News and World Report*, community college graduates perform better academically than students who started at a university. Students who choose Diablo Valley College are making an outstanding decision. Here are just some of our many accolades:

- #1** in the state for transfers to UC Berkeley, Saint Mary's College and Cal State Maritime Academy.
- #1** in the state for the total number of associate degrees for transfer conferred.
- #2** in California, and #16 in the nation for Best Two-Year Colleges for Adult Learners.
- #3** in California for transfers to all nine UC campuses.
- #4** in EDsmart's list of top community colleges in California based on graduation and transfer rates.

This may not be a myth after all! In our view, the education you receive at a community college isn't "just as good" as what you might receive elsewhere; it may be even better.

- We pride ourselves on offering a personalized education experience, with smaller classes taught by professors, rather than assistants. At Diablo Valley College, you'll get to know your professors, and they will get to know you.
- Our faculty stay current and up-to-date with what they are teaching, and have master's or doctoral degrees related to what they love to do: teach.
- Our professors take pride in proactively connecting with area employers to ensure that students are able to secure internships and jobs that relate to their chosen field of study. Our faculty truly cares about you and values your education.





Myth #4:
Community college credits won't transfer.

False! Most course credits transfer to UC and/or CSU, as well as to many private colleges. Colleges create transfer credit agreements between institutions, ensuring that equivalent courses cover the same material with the same depth.

- Diablo Valley College has transfer credit agreements with public universities, as well as with some private colleges, making it easy to transfer your credits.

- Many of our career education programs offer transfer paths to California universities as well.
- Our academic advisors can help you select courses that transfer to the universities you're interested in, for the program you have chosen to study.
- California's public colleges and universities use ASSIST, an online student-transfer information system that shows how course credits earned at one public California college or university can be applied when transferred to another. ASSIST is the official repository for transfer credit agreements between California's public colleges and universities, providing the most accurate and up-to-date information about student transfer in California. You can access the ASSIST website to view how DVC courses will transfer to the universities you are considering.



Myth #5: Community colleges are cheap, so they must be low-quality. You get what you pay for.

Nope! Community colleges offer a more cost-effective approach to higher-education, but the educational quality doesn't suffer as a result.

- Most students who attend community college choose to enroll at a college near their home, enabling them to remain in their current living environment rather than having to pay for student housing or an apartment. This represents a huge cost-savings, and in fact, this cost-savings is the primary reason why a community college is so much more affordable than a university.
- Tuition and fees charged by community colleges are lower than university tuition and fees, further reducing college costs. The State of California has made an investment in providing quality education for all programs, with an additional investment in career education programs specifically.

- When making your college choice, it is important to consider several factors: academic offerings, educational quality, location/convenience, reputation, networking opportunities, internship and employment opportunities, graduation rate, cost, and more. Given the rising cost of education, and the prospect of student debt, cost is definitely an important consideration.

DVC is one of the top community colleges in the State of California, with an outstanding record for successful transfers to sought-after universities, as well as an outstanding record of career-related employment. If you are looking for the best possible education at the lowest possible cost, then you're making a smart choice by choosing DVC.



EDUCATION • OPPORTUNITY • SUCCESS

The truth

Why should you choose Diablo Valley College? Here are the facts:

- DVC is a sought-after college choice for students who live nearby, as well as for students who live an hour or more away from the campus, and even for students across the globe! We're that good.
- Employers all over the Bay Area and beyond hire Diablo Valley College students and alumni. What's more, they send their employees to us to enroll in our career education programs, helping their staff build the skills needed for success within their organization and beyond.
- Every year, thousands of community college students transfer to the universities of their choice, including students majoring in career education programs such as industrial design, digital media, STEM careers,

and more. A strong GPA from a community college is a much better credential than high school rank or ACT score. The best indicator of future university ability is a successful record of college achievements. At Diablo Valley College we have the faculty, facilities, and resources needed to accomplish your goals.

- Diablo Valley College is well-ranked, and has an outstanding reputation with hiring managers, educators, students and alumni. If you start at DVC, you'll be well-prepared for your next step, whether that be immediate employment or university transfer.



STEPS to ENROLL

YOUR STEPS TO SUCCESS

step 1

Apply for admission

step 2

Complete the online
orientation

step 3

Take the assessment or
complete multiple measures

step 4

Receive academic
advising

step 5

Register for classes

Diablo Valley College offers over 65
career education programs that prepare
students with job-ready skills leading to
employment, higher wages, and career
advancement.

Apply today!

Pleasant Hill Campus
321 Golf Club Road
Pleasant Hill, CA 94523
925-685-1230

San Ramon Campus
1690 Watermill Road
San Ramon, CA 94582
925-866-1822

Visit: www.dvc.edu/apply