PVCC has not only given me the opportunity to learn the skills which are crucial to my career, but also the opportunity to succeed in the application of those skills.

- Matthew Stockford
  Software Developer, Pure Tech Systems (hired after internship)

**Associate Programs**

- Associate in Arts (AA)
- Associate in Business (ABS)
- Associate in Fine Arts (AA) Art, Dance, Theatre
- Associate in Science (AS)
- Accounting Specialized Paraprofessional, AAS & CCL
- Advanced Emergency Medical Technology (Paramedic), AAS
- Audio Production Technologies, AAS & CCL
- Computer Information Systems, AAS & CCL
- Computer Information Technology, AAS & CCL
- Computer Networking Technology, CCL
- Dietetic Technology, AAS
- Emergency Medical Technology, CCL
- Fire Science, CCL
- Microsoft Network Administration & Technology, AAS & CCL
- Music Business, AAS
- Nursing, AAS
- Paramedicine, CCL
- Programming & System Analysis, AAS & CCL
- Web Design, CCL
- Web Developer, CCL

**Jobs of the Future Nationwide**

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Total Jobs</th>
<th>Rate of growth (% change)</th>
<th>2020</th>
<th>2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healthcare professional &amp; technical</td>
<td>8,410</td>
<td>36</td>
<td>9,820</td>
<td></td>
</tr>
<tr>
<td>STEM</td>
<td>1,600</td>
<td>20</td>
<td>2,100</td>
<td></td>
</tr>
<tr>
<td>Community services &amp; arts</td>
<td>1,183</td>
<td>20</td>
<td>1,338</td>
<td></td>
</tr>
</tbody>
</table>

STEM and non-STEM are the three fastest-growing occupational clusters.

**Ready. Set. STEAM.**

PVCC does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship status, age, disability, veteran status or genetic information.

Over the past 5 years, we have worked with many PVCC students as part of our STEAM internship program. We are thrilled to see the impact these students have made in their communities through these experiences.

- Fereydoun Maali
  Chief Imaging Scientist, PureTech Systems

"PVCC has not only given me the opportunity to learn the skills which are crucial to my career, but also the opportunity to succeed in the application of these skills."

- Matthew Stockford
  Software Developer, Pure Tech Systems (hired after internship)

**Support Services to Help You Succeed**

Career & Self Exploration - Counseling - Disability Resources & Services - Emerging Leaders Program - Honors Program - Learning Support Center (Free Tutoring) - Male Empowerment Network (MEN) - Scholarships & Financial Aid - Veterans Services

**Average Hourly Earnings of Full-Time Private Wage and Salary Workers in STEM Occupations by Educational Attainments, 2010**

<table>
<thead>
<tr>
<th>Educational Attainment</th>
<th>STEM</th>
<th>Non-STEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>High school diploma</td>
<td>$24.62</td>
<td>$15.60</td>
</tr>
<tr>
<td>Some college or associate degree</td>
<td>$29.08</td>
<td>$19.02</td>
</tr>
<tr>
<td>Bachelor’s degree only</td>
<td>$34.81</td>
<td>$24.27</td>
</tr>
<tr>
<td>Graduate degree</td>
<td>$40.69</td>
<td>$36.22</td>
</tr>
</tbody>
</table>

Fast Track Your STEAM Career

PVCC fast-track transfer partnerships with the three major Arizona state universities: Arizona State University (ASU), Northern Arizona University (NAU) and special science transfer partnerships with others including Grand Canyon University (GCU). This makes it easy to continue your education and earn a four-year degree in fields like mechanical engineering, nursing, or education.

You’ll find many opportunities that will enhance your STEAM education, including summer STEAM programs for high school students, internships with leading area industries, STEAM events and speakers, and student clubs where you can interact with others who share your career pathway.

START HERE & STAY HERE – BACHELOR DEGREES OFFERED ON CAMPUS!

- Bachelor of Science in Biotechnology
- Bachelor of Science in Chemical Engineering
- Bachelor of Science in Computer Engineering
- Bachelor of Science in Electrical Engineering
- Bachelor of Science in Mechanical Engineering
- Bachelor of Science in Physics
- Bachelor of Science in Pharmacy
- Bachelor of Science in Paramedicine
- Bachelor of Science in Oceanography
- Bachelor of Science in Nursing
- Bachelor of Science in Microbiology
- Bachelor of Science in Medicine
- Bachelor of Science in Geology
- Bachelor of Science in Forensics
- Bachelor of Science in Food Science
- Bachelor of Science in Technology
- Bachelor of Science in Emergency Medical
- Bachelor of Science in Ecology
- Bachelor of Science in Dietetic Technology
- Bachelor of Science in Botany
- Bachelor of Science in Astronomy

TECHNOLOGY

- Azure Cloud Engineering
- Computer Engineering
- Cyber Security
- Electrical Engineering
- Mechanical Engineering
- Renewable Energy Technology
- Software Engineering
- Telecommunications Engineering
- Web Development

ARTS

- Acting
- Animation Production
- Creative Writing
- Dance
- Design
- Music
- Photography
- Theater & Stage
- Visual Design

MATHEMATICS

- Mathematical Analysis
- Statistics

REQUIREMENTS

- Biotechnology
- Chemical Engineering
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering
- Physics
- Pharmacy
- Paramedicine
- Oceanography
- Nursing
- Microbiology
- Medicine
- Geology
- Forensics
- Food Science
- Technology
- Emergency Medical
- Ecology
- Dietetic Technology
- Botany
- Astronomy

ADDITIONAL PARTNERS

- Midwestern University
- Universidad Autónoma de Guadalajara
- Wilkes University
- Northern Arizona University
- Arizona State University
- Grand Canyon University
- Arizona Western College
- Dakota State University
- Rappahannock Community College
- Prince George’s Community College

ESTIMATED 166,000 ARIZONA STEM JOBS TO FILL BY 2028

4.3% STEM

8.3% Non-STEM

4.3% STEM

8.3% Non-STEM

2+2+ Arizona State University

3+1+ Northern Arizona University

MAPP (Maricopa Arizona Pathway Partnership) Program Beneficial for any Arizona Interchange with PVCC

CONNECT2NAU (connect2asu at ASU) Pathway Program Beneficial for any Arizona Interchange with PVCC

1 Arizona STEM Report Card 2014
2 Arizona Office of Economic Security 2011

1 Kristine Tsantilas (Translational Genomics Research Institute (TGen))
2 Felipe Santoyo Cuellar (PVCC HOSA Future Health Professionals Chapter)
3 Amanda Adkins (Art Teacher, Peoria Unified School District)
4 Michael J. Bouey, Jr. (Mechanical Design Engineer, Raytheon Missile Systems)

“My nursing professors have really implemented and enabled useful knowledge that I can utilize in the nursing field of health care and ambulances.”

- Felipe Santoyo Cuellar

“My time at PVCC equipped me to move on to Bachelor of Science in Biochemistry and subsequently led me to a successful career in laboratory research.”

- Kristine Tsantilas

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