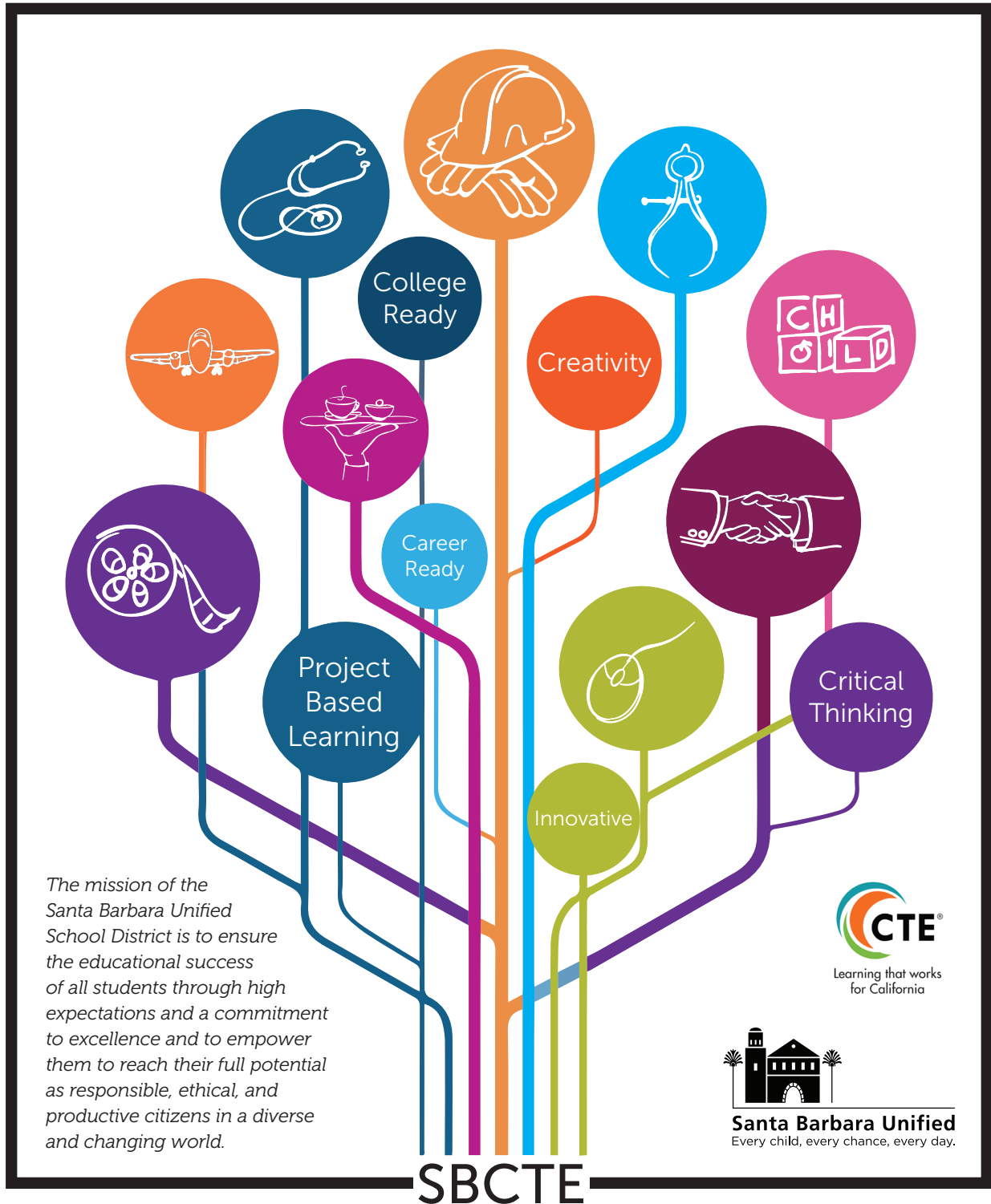


# SANTA BARBARA UNIFIED CAREER TECHNICAL EDUCATION PROGRAMS



*The mission of the Santa Barbara Unified School District is to ensure the educational success of all students through high expectations and a commitment to excellence and to empower them to reach their full potential as responsible, ethical, and productive citizens in a diverse and changing world.*



**Santa Barbara Unified**  
Every child, every chance, every day.

**SBCTE**

# WELCOME

## About Santa Barbara Unified

Established on June 6, 1866, Santa Barbara's educational tradition is one of the oldest in the state of California. Its traditions are rooted in the 18th century Spanish era. For over a century, our graduates have gone on to become community, state, and nationally recognized leaders. The mission of the Santa Barbara Unified School District is to ensure the educational success of all students through high expectations and a commitment to excellence and to empower them to reach their full potential as responsible, ethical, and productive citizens in a diverse and changing world.

## About Career Technical Education

Career Technical Education (CTE) provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners. In total, about 12.5 million high school and college students are enrolled in CTE across the nation. CTE prepares these learners for the world of work by introducing them to workplace competencies and makes academic content accessible to students by providing it in a hands-on context. SB Unified currently offers 18 career technical education pathways within 9 industry sectors; some CTE pathways are housed within a district academy program. CTE programs foster communication, collaboration, technical and leadership skills through group work, field trips, and mentorship/internship opportunities.

## Santa Barbara Unified School District Career Technical Education Industry Sectors

- Arts, Media and Entertainment
- Building and Construction Trades
- Education, Child Development and Family Services
- Engineering and Architecture
- Health Science and Medical Technology
- Hospitality, Tourism and Recreation
- Information and Communication Technologies
- Marketing, Sales and Service
- Transportation

This brochure is intended for students, parents, SBUnified administrators, counselors and teachers to learn more about Career Technical Education.

The industry sector pages detail information about various job possibilities for students to pursue depending upon their desired level of education.

*Students and parents are encouraged to use this brochure in communication with your school counselor when discussing course planning and selection for high school.*

revised Nov 2023




**Santa Barbara Unified**  
Every child, every chance, every day.



Learning that works  
for California


## Arts, Media and Entertainment

From graphic design to operating film production equipment, Arts, Media & Entertainment offers great options for creative individuals. Utilizing sight, sound and motion, students interested in this sector reach out in unique ways to enhance the quality of life for those around them.

| SB Unified Academies & Pathways  | Career Opportunities Based on Level of Education   |  |  |
|--|--|--|--|
|  | High School Diploma  | AA, AS Degree or Certificate   | BS, BA or Post-Graduate  |
| DPMedia Pathway - DPHS<br><br>Multimedia Arts & Design Academy (MAD) - SBHS<br><br>Visual Arts & Design Academy (VADA) - SBHS<br><br> | <ul style="list-style-type: none"> <li>Visual Artist</li> <li>Photographers Assistant</li> <li>Lighting Technician</li> <li>Makeup Artist</li> <li>Electronic Equipment Operator</li> <li>Camera Technician</li> <li>Broadcast Technician</li> <li>Sound Technician</li> <li>Stagehand</li> <li>Disc or Video Jockey</li> <li>Actor</li> <li>Announcer</li> <li>Voice-over artist</li> <li>Stunt Person</li> <li>Dolly Grip</li> <li>Focus Puller</li> </ul> | <ul style="list-style-type: none"> <li>Stage Manager*</li> <li>Recording Studio Assistant*</li> <li>Special Effects Coordinator*</li> <li>Web Designer*</li> <li>Prop Maker*</li> <li>Photographer*</li> <li>Graphic Designer/Artist*</li> <li>Film Maker*</li> <li>Camera Operator*</li> <li>Music Minister*</li> <li>Radio/Television Broadcaster*</li> <li>Gaffer*</li> <li>Key Production Grip*</li> </ul> | <ul style="list-style-type: none"> <li>Choreographer</li> <li>Industrial Designer</li> <li>Publisher</li> <li>Music Teacher</li> <li>Technical Writer</li> <li>Columnist</li> <li>Sound Engineer</li> <li>Medical Scientific Illustrator</li> <li>Media and Design Arts Instructor</li> <li>Music Accompanist</li> <li>Music Director/Conductor</li> <li>Choreographer</li> <li>Producer</li> <li>Sound Design Editor</li> <li>Visual Effects Coordinator</li> </ul> |
|  |  | * Santa Barbara City College<br>AA/AS/Certificate/Award Opportunities  |  |


## Building Trades and Construction

Students in the Building Trades and Construction receive a hands on education while developing high demand industry skills. Students experience a blend of a classroom and a worksite by engaging in a variety of projects such as woodworking and the construction of tiny homes.

| SB Unified Academies & Pathways  | Career Opportunities Based on Level of Education   |   |  |
|--|--|---|--|
|  | High School Diploma  | AA, AS Degree or Certificate  | BS, BA or Post-Graduate  |
| Construction Technology Pathway<br><br>DPHS, SBHS, SMHS<br><br> | <ul style="list-style-type: none"> <li>Carpenter Apprentice</li> <li>Cabinet Making Apprentice</li> <li>Machine Operator</li> <li>Draftsman</li> <li>Electrical Repair Person</li> <li>Electronic Equipment Installer</li> <li>Maintenance Technician</li> <li>Laboer</li> <li>Brickmason</li> <li>Drywall Installer</li> <li>Carpet Installer</li> <li>Roofers</li> </ul> | <ul style="list-style-type: none"> <li>Tor Electronic Technician</li> <li>Maintenance Supervisor</li> <li>Heating/Ventilation/AC (HVAC) Technician</li> <li>Environmental Materials Technician</li> <li>Electrician</li> <li>Construction Supervisor*</li> <li>Computerized Numerical Control Tech</li> <li>CAD Technician*</li> <li>Building Contractor*</li> <li>Cabinetmaking Journeyman*</li> <li>Automated Control System Technician</li> <li>Furniture Maker*</li> <li>Production Manager</li> <li>Iron Worker</li> </ul> | <ul style="list-style-type: none"> <li>Quality Control Manager</li> <li>Environmental and Safety Manager</li> <li>Product Designer</li> <li>Manufacturing Engineer</li> <li>Construction Manager</li> <li>Building Instructor</li> <li>Architect</li> <li>Engineer</li> <li>Designer</li> <li>Building Trades Instructor</li> <li>Construction Manager</li> <li>Business Owner</li> <li>Renewable Program Coordinator</li> </ul> |
|  |  | * Santa Barbara City College<br>AA/AS/Certificate/Award Opportunities   |  |

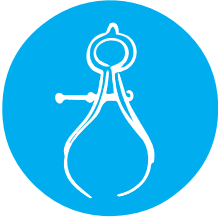
## Education, Child Development and Family Services

Working with children and families can be a very rewarding career. If students desire to be a teacher, college professor or work with children and families in a variety of roles, this sector pathway will equip them and launch them into many high demand careers.

| SB Unified Academies & Pathways   | Career Opportunities Based on Level of Education   |  |  |
|---|--|--|--|
|   | High School Diploma  | AA, AS Degree or Certificate   | BS, BA or Post-Graduate  |
| Education Pathway - SMHS<br><br> | <ul style="list-style-type: none"> <li>Child Care Provider</li> <li>Preschool Aide</li> <li>After school Program Aide</li> <li>Consumer Complaint Clerk</li> <li>Customer Service Representative</li> <li>Product Demonstrator</li> <li>Tutor</li> <li>Recreation Aide</li> <li>Child Care Worker</li> </ul> | <ul style="list-style-type: none"> <li>Preschool teacher*</li> <li>Teacher Assistant*</li> <li>Head Start Teacher*</li> <li>Special Education Aide*</li> <li>Parent Educator*</li> <li>Consumer Credit Manager</li> <li>Consumer Product Tester</li> <li>Insurance Representative</li> </ul> | <ul style="list-style-type: none"> <li>K-12 Teacher</li> <li>Librarian</li> <li>Child Protection Social Worker</li> <li>Preschool Director</li> <li>School or Adoption Counselor</li> <li>Child Psychologist</li> <li>Certified Financial Planner</li> <li>Consumer Economist</li> <li>Consumer Information Specialist</li> <li>Speech Language Therapist</li> </ul> |
|   |  | * Santa Barbara City College<br>AA/AS/Certificate/Award Opportunities  |  |


## Engineering and Architecture

Creative and quantitative thinkers will thrive in the Engineering and Architecture pathway. These programs allow students to explore a variety of careers through hands on learning centered around innovation and creation.

| SB Unified Academies & Pathways   | Career Opportunities Based on Level of Education  |  |  |
|---|---|--|--|
|   | High School Diploma   | AA, AS Degree or Certificate   | BS, BA or Post-Graduate  |
| Engineering Academy - DPHS<br><br> | <ul style="list-style-type: none"> <li>Junior Drafter</li> <li>CAD Technician</li> <li>Construction Apprentice</li> <li>Engineering Aide</li> <li>Drafting Apprentice</li> <li>Apprentice Electrician</li> <li>Computer Equipment Installer</li> <li>Security Equipment Installer</li> <li>Power Plant Operators</li> </ul> | <ul style="list-style-type: none"> <li>Drafter/Designer*</li> <li>Plan Checker</li> <li>Surveyor</li> <li>Estimator</li> <li>Electrical Engineering Technician</li> <li>Mechanical Engineering Technician</li> <li>Laboratory Technician</li> <li>Civil Engineering Technician</li> <li>Aerospace Engineering Technician</li> <li>Architectural Drafter*</li> <li>Telecommunications Technician</li> <li>Journeyman Electrician</li> </ul> | <ul style="list-style-type: none"> <li>Mechanical engineer</li> <li>Aerospace Engineer</li> <li>Agricultural Engineer</li> <li>Electrical Engineer</li> <li>Computer Hardware Engineer</li> <li>Telecommunications Engineer</li> <li>Landscape Architect</li> <li>Materials Engineer</li> <li>Nuclear Engineer</li> <li>Architect</li> <li>Industrial Designer</li> <li>Civil Engineer</li> <li>Structural Engineer</li> </ul> |
|   |   | * Santa Barbara City College<br>AA/AS/Certificate/Award Opportunities  |  |


## Health Science and Medical Technology

There is nothing better than having a job where you make a difference. You might discover the next medical breakthrough, work directly with patients or assist with athletic injuries in the Health Science & Medical Technology fields.

| SB Unified Academies & Pathways  | Career Opportunities Based on Level of Education  |   |   |
|--|---|---|---|
|  | High School Diploma   | AA, AS Degree or Certificate  | BS, BA or Post-Graduate   |
| Health Careers Academy - SMHS<br><br>Sports Medicine Pathway - DPHS, SBHS<br><br> | <ul style="list-style-type: none"> <li>• Certified Nursing Assistant<br/><i>(SMHS only)</i></li> <li>• Respiratory Care Practitioner</li> <li>• Medical Office Secretary</li> <li>• Pharmacy Aide</li> <li>• Dental Assistant</li> <li>• Medical Equipment Preparer</li> <li>• Personal and Home Care Aide <i>(SMHS only)</i></li> <li>• Community Health Worker</li> <li>• Veterinary Assistant</li> <li>• Laboratory Animal Caretaker</li> <li>• Geriatric Assistant</li> </ul> | <ul style="list-style-type: none"> <li>• Certified Nursing Assistant*</li> <li>• Pharmacy Technician</li> <li>• Registered Nurses* (2yrs)</li> <li>• Paramedic*</li> <li>• Operating Room Technician</li> <li>• Medical Records Technician*</li> <li>• Dental Lab Technician</li> <li>• Respiratory Therapist</li> <li>• Cardiovascular Technologist</li> <li>• Dental Hygienist</li> <li>• Diagnostic Medical Sonographer*</li> <li>• Biomedical Technician</li> </ul> <p>* Santa Barbara City College<br/>AA/AS/Certificate/Award Opportunities</p> | <ul style="list-style-type: none"> <li>• Surgeon</li> <li>• Speech-Language Pathologist</li> <li>• Registered Nurse (4yr)</li> <li>• Pharmacist</li> <li>• Physician</li> <li>• Orthodontist</li> <li>• Nurse Practitioner</li> <li>• Anesthesiologist</li> <li>• Athletic Trainer</li> <li>• Dietitian and Nutritionist</li> <li>• Clinical Trials Researcher</li> <li>• Biomedical Chemist</li> <li>• Geneticist</li> <li>• Health Services Administrator</li> <li>• Industrial Hygienist</li> <li>• Materials Management</li> <li>• Medical/Public Health Social Worker</li> </ul> |


## Hospitality, Tourism and Recreation

Students in the hospitality, tourism and recreation pathway develop specific skills that prepare them for vibrant careers in hospitality. From cooking to food service, students who have a passion in the kitchen will thrive in this pathway.

| SB Unified Academies & Pathways   | Career Opportunities Based on Level of Education   |   |  |
|---|--|---|--|
|   | High School Diploma  | AA, AS Degree or Certificate  | BS, BA or Post-Graduate  |
| Culinary Arts Pathway - DPHS, SBHS, SMHS<br><br> | <ul style="list-style-type: none"> <li>• Youth Recreation Leader</li> <li>• Hotel Guest Service</li> <li>• Food Preparation Worker</li> <li>• Food and Beverage Wait Staff</li> <li>• Dietary Aide</li> <li>• Food Product Tester</li> <li>• Quality Control Technician</li> <li>• Line Cook</li> <li>• Food Expeditor</li> <li>• Bakery Helper</li> <li>• Spa Attendant</li> <li>• Front Desk Worker</li> </ul> | <ul style="list-style-type: none"> <li>• Food Inspector*</li> <li>• Dietetic Technician</li> <li>• Food Production Chemist</li> <li>• Food and Beverage Director*</li> <li>• Food Service Manager*</li> <li>• Food Designer*</li> <li>• Social Director*</li> <li>• Tour Guide/Manager</li> <li>• Hotel Concierge*</li> <li>• Convention Planner*</li> <li>• Chef/Cook/Baker*</li> <li>• Caterer*</li> <li>• Travel Agent</li> <li>• Concert Promoter</li> <li>• Event/Wedding Planner*</li> <li>• Flight Attendant</li> <li>• Club Manager*</li> </ul> <p>* Santa Barbara City College<br/>AA/AS/Certificate/Award Opportunities</p> | <ul style="list-style-type: none"> <li>• Registered Dietitian</li> <li>• Food Technologist</li> <li>• Food Product Developer</li> <li>• Sous/Executive Chef</li> <li>• Food Service Director</li> <li>• Food Stylist</li> <li>• Visitor &amp; Convention Bureau Director</li> <li>• Museum Director/Curator</li> <li>• Club/Resort/Hotel Manager</li> <li>• Theme Park Director</li> <li>• Convention Coordinator</li> <li>• Travel Company Manager</li> </ul> |


## Information and Communication Technologies

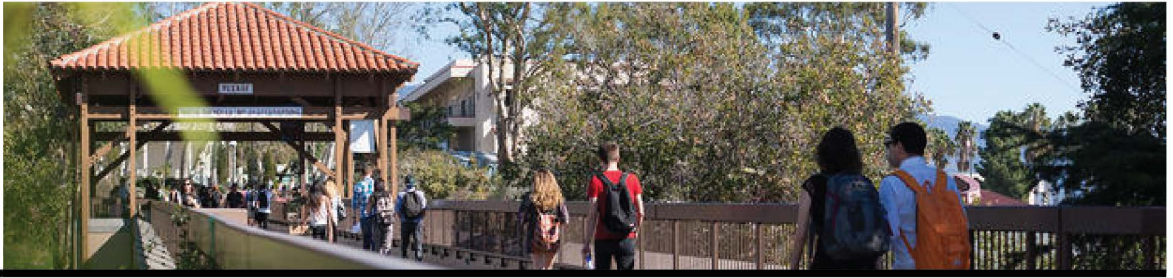
As technology continues to develop and become a more integral part of society, careers in technology are growing in demand. The Information and Communication Technologies pathway prepares students for careers in computer programming, software development, cyber security and much more.

| SB Unified Academies & Pathways   | Career Opportunities Based on Level of Education  |   |  |
|---|---|---|--|
|   | High School Diploma   | AA, AS Degree or Certificate  | BS, BA or Post-Graduate  |
| Computer Science Academy - SBHS<br><br>Computer Science Pathway - DPHS, SMHS<br><br> | <ul style="list-style-type: none"> <li>• Help Desk Specialist</li> <li>• Computer Repairer</li> <li>• LAN Maintenance Technician</li> <li>• Production Technician</li> <li>• Web Page Developer</li> <li>• Computer Operator</li> <li>• Word Processing Operator</li> </ul> | <ul style="list-style-type: none"> <li>• Computer Support Specialist*</li> <li>• LAN Support Technician*</li> <li>• Software/Hardware Installer*</li> <li>• Telecommunications Specialist</li> <li>• Network Administrator*</li> <li>• Data Communications Specialist*</li> <li>• Computer Graphic Artist*</li> <li>• Desktop Publisher*</li> <li>• Multimedia Specialist*</li> <li>• Web Designer*</li> <li>• Webmaster*</li> <li>• Database Administrator*</li> </ul> | <ul style="list-style-type: none"> <li>• Computer Programmer</li> <li>• Computer Security Specialist</li> <li>• Database Administrator</li> <li>• Software Engineer</li> <li>• Information Systems Architect</li> <li>• Telephone System Administrator</li> <li>• Tower Project Coordinator</li> <li>• Systems Engineer</li> <li>• Network Analyst</li> <li>• Graphic Designer</li> <li>• Multimedia Artist/Animator</li> <li>• Web Architect</li> <li>• Corporate Communications Manager</li> </ul> |
|   |   | * Santa Barbara City College<br>AA/AS/Certificate/Award Opportunities   |  |

## Marketing, Sales and Services

Students in the Marketing Sales and Services Pathway will learn the techniques in branding, marketing and sales needed to develop and launch their own business. Students will answer important questions like; "Who is my target audience?" "How will I reach my customer?" "What is the voice of my company?"

| SB Unified Academies & Pathways  | Career Opportunities Based on Level of Education   |  |   |
|--|--|--|---|
|  | High School Diploma  | AA, AS Degree or Certificate   | BS, BA or Post-Graduate   |
| Entrepreneurship Academy - SMHS<br><br> | <ul style="list-style-type: none"> <li>• Retail Sales</li> <li>• Marketing Intern</li> <li>• Advertising Intern</li> <li>• Junior Marketing Associate</li> <li>• Customer Service</li> <li>• Administrative Assistant</li> <li>• Product Promoters</li> <li>• Door-to-Door Sales</li> <li>• Transportation Ticket Agents</li> <li>• Travel Clerks</li> </ul> | <ul style="list-style-type: none"> <li>• Sales Representative*</li> <li>• Assistant Store Manager*</li> <li>• Real Estate*</li> <li>• Business Owner*</li> <li>• Travel Agent</li> <li>• Web Content Assistant*</li> <li>• Solar Sales Representatives*</li> </ul> | <ul style="list-style-type: none"> <li>• Marketing Manager</li> <li>• Marketing Specialist</li> <li>• Sales Manager</li> <li>• Public Relations Specialist</li> <li>• Human Resources</li> <li>• Business Intelligence Analyst</li> <li>• Advertising Managers</li> <li>• Insurance Sales Agents</li> </ul> |
|  |  | * Santa Barbara City College<br>AA/AS/Certificate/Award Opportunities  |   |



## SBCC Dual Enrollment and SBUnified Career and College Connections



### What is Dual Enrollment?

Many high school academies and pathways include college-level classes for students to earn **high school credit PLUS college credit** at the same time. SBUnified students can work towards a college certificate, A.A., or A.S. in their high school CTE academy or pathway.

### Dual Enrollment & CTE

SBCC courses may be available in the following industry sectors:

- Arts, Media & Entertainment
- Building Trades & Construction
- Education
- Health Sciences & Medical Technology
- Hospitality, Tourism & Recreation
- Marketing, Sales & Service
- Transportation

### What classes are eligible?

Hundreds of courses at SBCC or online.

### SBCC CTE Courses at SBUnified:

- Allied Health
- Certified Nursing Asst
- Construction
- Culinary Arts
- Education
- Entrepreneurship
- Film Production
- Finance
- Graphic Design
- Marketing
- Multimedia Arts
- Photography
- Social Networking

For more information:  
[sbcc.edu/dualenrollment](http://sbcc.edu/dualenrollment)

Follow us @sbccdualenrollment



### How do I sign up?

- Meet with your high school counselor to find a course that meets your needs & interests.
- In class, apply ONLINE to SBCC.
- Submit ONLINE parent approval forms. Forms last for duration of high school. Counselor approval each term.

#### Our Team

Angelica Contreras  
 Acting Director of Admissions and Records

#### Chantille Marquez

Student Success Coordinator  
 cmmarquez6@pipeline.sbcc.edu  
 SMHS, DPHS, BDHS, La Cuesta, Quetzal, Middle College, Out-of-Area, LCJH, GVJH, and LCJR

#### Fernando Cortes

Student Program Advisor  
 fcortes3@pipeline.sbcc.edu  
 SBHS, CHS, SBJH, and Carpinteria Middle School



## Santa Barbara High School Career Technical Education Pathways & Academies






| Academy/Pathway  | Industry Sector  | Courses Offered**                                       | Course Level  | Current Course Code | SBCB Credit       | Meets UC/CSU a-g | Contact Person | Grade Level (s)             | Additional Pathway Teachers   |                             |
|--|--|---|---|---------------------|-------------------|------------------|----------------|-----------------------------|---|-----------------------------|
| Computer Science Academy   |  | Information and Communication Technologies (174)        | Exploring Computer Science  | Introduction        | 8130              | n/a              | g              | Sky Adams                   | Kyle Stewart<br>Richard Johnston  |                             |
|  |  |   | Computational Art   | Introduction        | 8130              | n/a              | f              |                             |   | 9-12                        |
|  |  |   | Designing Software for the Web (Honors)   | Concentrator        | 8131              | n/a              | g              | skyadams@sbunified.org      |   | 9-12                        |
|  |  |   | AP Computer Science A   | Capstone            | 8132              | n/a              | g or c***      | sbunified.org               |   | 9-12                        |
|  |  |   | CS Academy Service Learning   | n/a                 | n/a               | n/a              | g              |                             |   | 10-12                       |
|  |  |   | Mobile Programming P or H   | n/a                 | n/a               | n/a              | g              |                             |   | 10-12                       |
| Construction Technology Pathway  |  | Building Trades and Construction (123)                  | <a href="#">Explorations in Construction</a>  | Introduction        | 7340              | N/a              | g              | Justin Howe                 |   |                             |
|  |  |   | <a href="#">Construction Tech. 1 (CT114)</a>  | Concentrator        | 7341              | Y                | g              |                             |   | 9-12                        |
|  |  |   | <a href="#">Fine Woodworking</a>  | Concentrator        | 7311              | n/a              | f              | jhowe@sbunified.org         |   | 9-12                        |
|  |  |   | <a href="#">Construction Tech 2 (CT115)</a>   | Capstone            | 7342              | Y                | g              | sbunified.org               |   | 9-12                        |
| Culinary Arts Pathway  |  | Hospitality, Tourism and Recreation (201)               | <a href="#">Culinary Arts 1 (CA 113/ CA116)</a>   | Concentrator        | 8020              | Y                | g              | Ann Gott                    | n/a   |                             |
|  |  |   | <a href="#">Culinary Arts 2 (CA 121/CA124)</a>  | Concentrator        | 8020              | Y                | g              |                             |   | agott@sbunified.org         |
|  |  |   | <a href="#">Culinary Arts 3</a>   | Capstone            | 8021              | N                | f              | sbunified.org               |   | 11-12                       |
| Interpretation and Translation Pathway                                 |  | Education, Child Development, and Family Services (133) | Translation and Interpretation I  | Concentrator        | 7540              | n/a              | e              | Alison Mendoza              | Travis Mafach   |                             |
|  |  |   | Translation and Interpretation II (2023-2024)   | Capstone            | 7541              | n/a              | e              |                             |   | alisonmendoza@sbunified.org |
| Multimedia Arts and Design Academy (MAD) *                             |  | Arts, Media and Entertainment (111)                     | <a href="#">Survey of Multimedia Applications (MAT 105)</a>   | Introductory        | 7219 (Intro 111D) | Y                | f              | Shea Peinado                | AJ Henning,<br>Dean<br>DiPhillippo,<br>SBCC<br>Instructors (KC Thomas, Dee Paranthia) |                             |
|  |  |   | <a href="#">Digital Imaging 1 (MAT 131)</a>   | Introductory        | 7219 (Intro 111D) | Y                | f              |                             |   | 9                           |
|  |  |   | <a href="#">Digital Drawing (MAT 112)</a>   | Concentrator        | 7211 (Con 111A)   | Y                | f              | 10                          |   |                             |
|  |  |   | <a href="#">Social Networking/Social Media (MAT 149)</a>  | Concentrator        | 7220 (Con 111D)   | Y                | f              | speinado@sbunified.org      |   | 10                          |
|  |  |   | <a href="#">Introduction to Photography (PHOT 109)</a>  | Introductory        | 7220 (Con 111D)   | Y                | f              |                             |   | 11                          |
|  |  |   | <a href="#">Non-Linear Editing (FP 114)</a>   | Concentrator        | 7220 (Con 111D)   | Y                | f              |                             |   | 11                          |
|  |  |   | <a href="#">Film and Video Production 1 (FP 175)</a>  | Concentrator        | 7221 (Cap 111D)   | Y                | f              |                             |   | 12                          |
| <i>Sr. course determined by students (FP 276, PHOT 190 or MAT 132)</i> | Capstone   | 7221 (Cap 111D)   | Y   | g                   |                   | 12               |                |                             |   |                             |
| Sports Medicine Pathway  |  | Health Science and Medical Technology (199)             | Medical Chemistry   | Introductory        | 9325              | n/a              | d              | Maria Rivera                | Ashley Cornelius, Greg Zuffaleto  |                             |
|  |  |   | <a href="#">Medical Biology</a>   | Introductory        | 7950              | n/a              | d              |                             |   | 10-12                       |
|  |  |   | <a href="#">Kinesiology</a>   | Concentrator        | 7951              | n/a              | d              | merivera@sbunified.org      |   | 11-12                       |
|  |  |   | <a href="#">Sports Medicine</a>   | Capstone            | 7952              | n/a              | g              | @sbunified.org              |   | 11-12                       |
|  |  |   | Sports Medicine Community (Internship)  | n/a                 | n/a               | n/a              | g              |                             |   | 11-12                       |
| Visual Arts and Design Academy (VADA) *                                |  | Arts, Media and Entertainment (111)                     | Freehand Drawing VADA   | Introductory        | 7216 (Intro 111C) | n/a              | f              | Daniel Barnett              | Nicole McKee<br>Barr, Brandon Teris   |                             |
|  |  |   | <a href="#">Digital Imaging 1 (MAT 131)</a>   | Introductory        | 7219 (Intro 111D) | Y                | f              |                             |   | 9                           |
|  |  |   | Advanced Freehand Drawing VADA  | Introductory        | 7216 (Intro 111C) | n/a              | f              | 10                          |   |                             |
|  |  |   | <a href="#">Digital Drawing (MAT 112)</a>   | Concentrator        | 7211 (Con 111A)   | Y                | f              | 10                          |   |                             |
|  |  |   | <a href="#">Introduction to Photography (PHOT 109)</a>  | Concentrator        | 7220 (Con 111D)   | Y                | f              | danielbarnett@sbunified.org |   | 11                          |
|  |  |   | Advanced Painting   | Concentrator        | 7217 (Con 111C)   | n/a              | f              | sbunified.org               |   | 11                          |
|  |  |   | Advanced Placement Studio Art   | Capstone            | 7218 (Cap 111C)   | n/a              | f              |                             |   | 12                          |
| Acronym Legend   | UC/CSU a-g = Meets UC/CSU college subject area entrance requirements |   | SBCB Credit = Santa Barbara City College College Credit available via Dual Enrollment   |                     |                   |                  |                |                             |   |                             |
|  | *Application required or recommended (verify with point of contact)  |   | Levels = State of California definition for Career Technical Education course progression: Introductory, Concentrator, and Capstone |                     |                   |                  |                |                             |   |                             |
|  | **Academy/Pathway courses offered subject to change                  |   |   |                     |                   |                  |                |                             |   |                             |
|  | ***Can only be used for area c if Math 3 has been completed          |   |   |                     |                   |                  |                |                             |   |                             |

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## San Marcos High School Career Technical Education Pathways & Academies

| Academy/Pathway                        | Industry Sector   | Courses Offered**   | Course Level   | Current Course Code | SBCC Credit | Meets UC/CSU a-g | Contact Person  | Grade Level(s) | Additional Pathway Teachers   |
|--|---|---|--|---------------------|-------------|------------------|---|----------------|---|
| <b>Construction Technology Pathway</b> |  Building Trades and Construction (123)                  | <a href="#">Explorations in Construction</a>  | Introduction   | 7340                | n/a         | g                | <b>Erik Leighland</b><br>eleighland<br>@sbunified.org | 9              | n/a   |
|  |   | <a href="#">Construction Tech. 2A/B (CT114)</a>   | Concentrator   | 7341                | Y           | g                |   | 10-12          |   |
|  |   | <a href="#">Fine Woodworking (CT115)</a>  | Capstone   | 7311                | Y           | f                |   | 10-12          |   |
| <b>Teacher Education Pathway</b>       |  Education, Child Development, and Family Services (132) | <a href="#">Child Development 1</a>   | Introductory   | 7500                | n/a         | g                | <b>Mike Thrasher</b><br>mthrasher<br>@sbunified.org   | 9-11           |   |
|  |   | <a href="#">Child Development Advanced</a>  | Concentrator   | 7530                | Y           | g                |   | 9-11           |   |
|  |   | <a href="#">Intro to Education 21-22</a> (Education 101, Educaiton 104, Education 291 - SBCC) | Capstone   | 7531                | Y           | g                |   | 11-12          |   |
| <b>Health Careers Academy*</b>         |  Health Science and Medical Technology (198)             | <a href="#">Intro to Health Careers</a>   | Introductory   | 7930                | n/a         | g                | <b>Marcene Tate</b><br>mtate<br>@sbunified.org        | 10             | Sarah Ashton,<br>Makenzy Fowler,<br>Yesenia Munoz,<br>Marcene Tate,<br>SBCC Instructors |
|  |   | <a href="#">Communications</a>  | Introductory   | 7930                | n/a         | g                |   | 10             |   |
|  |   | <a href="#">Allied Health Careers</a>   | Concentrator   | 7921                | n/a         | g                |   | 11             |   |
|  |   | <a href="#">Anatomy and Physiology</a>  | Concentrator   | 7921                | n/a         | g                |   | 11             |   |
|  |   | SBCC AH 120 Medical Terminology   | Concentrator   | 7921                | Y           | g                |   | 11             |   |
|  |   | <a href="#">Medical Biology</a>   | Introductory   | 7950                | n/a         | d                |   | 11             |   |
|  |   | <a href="#">Sports Medicine</a>   | Concentrator   | 7952                | n/a         | g                |   | 12             |   |
|  |   | Sports Medicine Community Classroom   | n/a  | n/a                 | n/a         | g                |   | 12             |   |
|  |   | <a href="#">Kinesiology HCA</a>   | Capstone   | 7922                | n/a         | d                |   | 12             |   |
| CNA 101 SBCC                           | Capstone  | 7922  | Y  | g                   | 12          |                  |   |                |   |
| CNA and HCA Internships                | Capstone  | 7922  | n/a  | g                   | 12          |                  |   |                |   |
| <b>Culinary Arts Pathway</b>           |  Hospitality, Tourism and Recreation (201)               | <a href="#">Culinary Arts 1 (CA 113/ CA116)</a>   | Concentrator   | 8020                | Y           | g                | <b>Donna Barker</b><br>dbarker<br>@sbunified.org      |                | n/a   |
|  |   | <a href="#">Culinary Arts 2 (CA 121/CA124)</a>  | Concentrator   | 8020                | Y           | g                |   |                |   |
|  |   | <a href="#">Culinary 3</a>  | Capstone   | 8021                | n/a         | f                |   |                |   |
| <b>Entrepreneurship Academy*</b>       |  Marketing, Sales and Services (241)                     | Marketing 101   | Introductory   | 8300                | n/a         | g                | <b>Graham Oleson</b><br>goleson<br>@sbunified.org     | 9-10           | Taylor Karst,<br>Graham Oleson,<br>Sergio Villa   |
|  |   | <a href="#">SBCC Marketing 164</a>  | Introductory   | 8300                | Y           | g                |   | 9-10           |   |
|  |   | <a href="#">SBCC Finance 100 / 101</a>  | Concentrator   | 8330                | Y           | g                |   | 10-11          |   |
|  |   | <a href="#">SBCC Entrepreneurship 201</a>   | Concentrator   | 8330                | Y           | g                |   | 10-11          |   |
|  |   | <a href="#">Business Plan Development</a>   | Capstone   | 8331                | n/a         | g                |   | 11-12          |   |
| <b>Acronym Legend</b>                  | <b>UC/CSU a-g</b> = Meets UC/CSU college subject area entrance requirements   |   | <b>SBCC Credit</b> = Santa Barbara City College College Credit available via Dual Enrollment   |                     |             |                  |   |                |   |
|  | *Application required or recomended ( <i>verify with point of contact</i> )   |   | <b>Levels</b> = State of California definition for Career Technical Education course progression: Introductory, Concentrator, and Capstone |                     |             |                  |   |                |   |
|  | **Academy/Pathway courses offered subject to change   |   |  |                     |             |                  |   |                |   |

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## Dos Pueblos High School Career Technical Education Pathways & Academies

| Academy/Pathway  | Industry Sector  | Courses Offered**   | Course Level  | Current Course Code:   | SBCC Credit  | Meets UC/CSU a-g     | Contact Person                                     | Grade Level(s)  | Additional Pathway Teachers                               |      |            |
|--|--|---|---|--|--------------|----------------------|--|---|---|------|------------|
| <b>Computer Science Pathway</b>  | Information and Communication Technologies   | Exploring Computer Science                                  | Introductory  | 6112   | n/a          | g                    | <b>Ashley Ong</b><br>aong<br>@sbunified.org        | 9-12  | n/a   |      |            |
|  |  | Intro to Robotics Programming                               | Concentrator  | 6460   | n/a          | g                    |  | 10-12   |   |      |            |
|  |  | Advanced Placement Computer Science                         | Capstone  | 6436   | n/a          | c                    |  | 10-12   |   |      |            |
| <b>Construction Technology Pathway</b>   |  Building Trades and Construction (123)   | <a href="#">Explorations in Construction</a>                | Introductory  | 7340   | n/a          | g                    | <b>Chris Mollkoy</b><br>cmollkoy<br>@sbunified.org | 9   | Jacob Tyler   |      |            |
|  |  | <a href="#">Construction Tech. 1 (CT114)</a>                | Concentrator  | 7341   | Y            | g                    |  | 9-12  |   |      |            |
|  |  | <a href="#">Fine Woodworking</a>                            | Concentrator  | 7311   | n/a          | f                    |  | 10-12   |   |      |            |
|  |  Product Innovation and Design  | Product Innovation & Design 1                               | Introductory  | 8200   | n/a          | g                    | <b>Jake Tyler</b><br>jtyler@sbunified.org          | 9-12  |   |      |            |
|  |  | Product Innovation & Design 2                               | Concentrator  | 8240   | n/a          | g                    |  | 9-12  |   |      |            |
|  |  | Product Innovation & Design 3                               | Capstone  | 8241   | 2024-2025    | g                    |  | 9-12  |   |      |            |
| <b>Culinary Arts Pathway</b>   |  Hospitality, Tourism and Recreation (201)  | <a href="#">Culinary Arts 1</a>                             | Concentrator  | 8020   | n/a          | g                    | <b>Terri Ingram</b><br>tingram<br>@sbunified.org   | 9-12  | n/a   |      |            |
|  |  | <a href="#">Culinary Arts 2</a>                             | Concentrator  | 8020   | n/a          | g                    |  | 9-12  |   |      |            |
|  |  | <a href="#">Culinary Arts 3</a>                             | Capstone  | 8021   | n/a          | f                    |  | 10-12   |   |      |            |
| <b>DPMedia Pathway</b>   |  Arts, Media and Entertainment (111)  | <a href="#">Intro to Media Arts (MAT 105) - 1 term only</a> | Introductory  | 7200 (Intro ALL)   | Y            | f                    | <b>John Dent</b><br>jdent<br>@sbunified.org        | 9th   | Doug Caines,<br>Amanda Domingues,<br>Susan Schiferl-Smith |      |            |
|  |  | <a href="#">Graphics &amp; Animation (MAT 149/MAT 136)</a>  | Concentrator  | 7220 (Con D)   | Y            | g                    |  | 9-12  |   |      |            |
|  | Production and Managerial Arts (111D)  | <a href="#">Video/TV Production I (FP114/FP175)</a>         | Concentrator  | 7220 (Con D)   | Y            | g                    |  | 9-12  |   |      |            |
|  |  | <a href="#">Adv Video/TV Production (FP160/165)</a>         | Capstone  | 7221 (Cap D)   | Y            | f                    |  | 10-12   |   |      |            |
|  | Design Visual and Media Arts (111A)  | <a href="#">Photography 1 (PHOTO 109/PHOTO 190)</a>         | Concentrator  | 7217 (Con A)   | Y            | f                    |  | 9-12  |   |      |            |
|  |  | <a href="#">Digital Art &amp; Design 1 (MAT 131/MAT112)</a> | Concentrator  | 7211 (Con A)   | Y            | f                    |  | 9-12  |   |      |            |
|  |  | Publication Design 1 (GDP110/111)                           | Concentrator  | 7211 (Con A)   | Y            | f                    |  | 9-12  |   |      |            |
|  |  | <a href="#">Advanced Digital Art &amp; Design</a>           | Capstone  | 7218 (Cap A)   | Y            | f                    |  | 10-12   |   |      |            |
|  Engineering and Architecture (153)<br>Engineering Technology | <a href="#">Introduction to Engineering (ENGR 101)</a>   | Introductory  | 1038  | y  | d            | <b>Melissa Woods</b> | 9  | Amir Abo-Shaeer,<br>Corey Boyce, Martin Byl,<br>Mitchell Kiner, Cesar Plascencia-Zuniga,<br>Brian Gibson, Lyle Harlow, Mike Ringer,<br>Joe Shelton, Ann Wirtz,<br>Melissa Woods |   |      |            |
|  | <a href="#">Mechatronics Design and Development 1</a>  | Concentrator  | 6606  | n  | d            |                      | 10   |   |   |      |            |
|  | <a href="#">Advanced Engineering Physics</a>   | Capstone  | 6600  | n/a  | d            |                      | 11   |   |   |      |            |
| Manufacturing and Product Development (216)<br>Product Innovation & Design   | <a href="#">Mechatronics Design and Development 2</a>  | Concentrator  | 6606  | n/a  | d            | 12                   |  |   |   |      |            |
|  | <a href="#">Engineering Graphics (ENGR 105)</a>  | Concentrator  | 1011  | y  | d            | 9                    |  |   |   |      |            |
|  | <a href="#">Product Development Engineering 1</a>  | Concentrator  | 1035  | n/a  | d            | 11                   |  |   |   |      |            |
| Manufacturing and Product Development (216)<br>Machining and Forming Technologies  | <a href="#">Product Development Engineering 2</a>  | Capstone  | 1036  | n/a  | d            | 12                   |  |   |   |      |            |
|  | <a href="#">Introduction to STEM (STEM 101)</a>  | Introductory  | 1046  | Y  | d            | 9                    |  |   |   |      |            |
|  | <a href="#">Kinetic Art Sculpture and Design</a>   | Concentrator  | 1023  | n/a  | f            | 10                   |  |   |   |      |            |
| <b>Engineering Academy*</b>  |  Engineering and Architecture (153)<br>Engineering Technology   | <a href="#">Product Manufacturing Engineering</a>           | Capstone  | 1034   | n/a          | d                    | <b>mwoods</b><br>@sbunified.org                    |   | 12  |      |            |
|  |  | <b>Sports Medicine Pathway</b>                              |  Health Science and Medical Technology (199) | <a href="#">Medical Biology</a>  | Concentrator | 7950                 | n/a  | d   | <b>Todd Garrett</b><br>tgarrett<br>@sbunified.org         | 9-12 | Mike Lynch |
|  |  |   |   | <a href="#">Kinesiology</a>  | Concentrator | 7951                 | n/a  | g/d   |   | 9-12 |            |
| <a href="#">Sports Medicine</a>  | Capstone   |   |   | 7952   | n/a          | g                    | 10-12  |   |   |      |            |
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