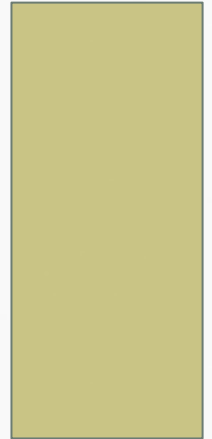




# PATHWAYS: AN OVERVIEW

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# THANKING COUNSELORS, WHO:

- Deserve ongoing recognition and appreciation for the integral role they play in students' awareness of **ALL** post-secondary options;
- Play a critical role as mentors, advisors, and 1:1 contacts for students and, often, other staff;
- Manage large caseloads while providing social, emotional, academic, and mental health support;
- Have the capacity to ensure that students make informed decisions about their futures;
- Serve as guides in the truest sense as students navigate a variety of pathways.

# TERMS TO KNOW

- **Santa Cruz County Career Technical Education Partnership** (formerly ROP)
- **CTEIG** (Career Technical Education Incentive Grant), awarded to the SC County Office of Education in 2016 on behalf of a consortium of local districts. CTEIG funds must be expended by June 30, 2019, and all recipients are to create pathway sustainability plans.
- **High Quality Pathways**: must be at least two sequenced courses in the same industry sector, comprising **at least** 300 instructional hours, taught by an instructor with an appropriate CTE (Designated Subjects) credential
- **Standards for Career Ready Practice**: These describe the fundamental knowledge and skills that students need as they prepare to transition to ***postsecondary education, career training, or the workforce***
- **CTE Standards**: Specify learning goals in 58 pathways organized around 15 industry sectors, focusing on grades 7-12

# WHO BENEFITS FROM CTE PATHWAYS?

- **Community:** workers trained locally and an educated citizenry prepared to contribute financially and culturally
- **Employers:** better educated workers trained to close the skills gap; reduced training costs
- **Postsecondary education:** more h.s. graduates proceeding to higher education and training; better prepared students
- **School staff:** increased relevance of coursework; higher graduation rate for CTE Pathways students (92%) vs. non-pathways students (83% nationally)

# MORE PATHWAYS ADVANTAGES

- **For Parents:** Reduced tuition costs if students pursue concurrent/dual enrollment while in high school

## Most significantly, for Students

- Strong academic core as a basis for all careers
- Courses driven by labor market demand
- Exposure to high-wage, high demand careers
- Opportunities to visit worksites and promote career awareness and readiness
- Linkage between core academic and CTE content

# 1:2:7 A RATIO FOR OUR TIMES

For every occupation that requires a master's degree or higher, two professional jobs require a university degree, and more than half a dozen require a 1-year certificate or 2-year degree; each of these technicians is in a high-skilled area in great demand.

This is fundamental in all industries.

Source: <https://vimeo.com/67277269>

By 2025, an estimated 30% of all job openings in CA—nearly 2 million jobs—will require “middle skills” (i.e. postsecondary education short of a 4-year degree).

Our education pipeline is not keeping pace with industry needs and demands.

# MIND THE (SKILLS) GAP

- ◆ IMPROVE CAREER EXPLORATION AND PLANNING;
- ◆ PUT INDUSTRY AT THE FOREFRONT OF PATHWAY DEVELOPMENT;
- ◆ LOCAL PATHWAYS MUST FOLLOW LABOR MARKET DEMAND;
- ◆ ENSURE THAT THE BROADEST POSSIBLE RANGE OF STUDENTS HAVE ACCESS TO ALL EDUCATION AND TRAINING OPTIONS;
- ◆ PROVIDE ONGOING PROFESSIONAL DEVELOPMENT TO COUNSELORS;  
MAINTAIN AWARENESS OF CHANGING ECONOMIC LANDSCAPE;
- ◆ PROMOTE AWARENESS OF PATHWAY CONTINUATION OPTIONS THAT EXTEND TO ALL POSTSECONDARY OPTIONS, INCLUDING CABRILLO;
- ◆ CONTINUE TO EXAMINE THE WISDOM AND EFFECTIVENESS OF THE “4 YEAR COLLEGE FOR ALL” MANTRA AS IT PERTAINS TO HIGH SCHOOL GRADUATES

# PATHWAYS IN MOTION







# STATE OF OUR REGION

- EIGHT COMPREHENSIVE HIGH SCHOOLS AND TWO ALT ED SITES OFFER PATHWAYS PER CTEIG;
- 10 OF THE 15 INDUSTRY SECTORS ARE REPRESENTED;
- ALL DISTRICTS WILL HAVE A COMPUTER SCIENCE PATHWAY IN PLACE BY NEXT YEAR;
- ARTS, MEDIA, AND ENTERTAINMENT HAS THE GREATEST NUMBER OF INDIVIDUAL COURSES WITHIN PATHWAYS;
- TOGETHER, LOCAL HIGH SCHOOLS OFFER A TOTAL OF 38 ESTABLISHED PATHWAYS

# 10 INDUSTRY SECTORS REPRESENTED

- **Agriculture & Natural Resources**
- Arts, Media, and Entertainment
- **Building and Construction Trades**
- Education, Child Development, and Family Services
- **Health Science and Medical Technology**
- Hospitality, Tourism, and Recreation
- **Information and Communication Technologies**
- Manufacturing and Product Development
- **Public Services**
- Transportation



# WHO'S OFFERING WHICH PATHWAYS?

## Harbor HS

### Industry Sector

Arts, Media, Entertainment

“

“

Information & Communication  
Technology

Health Sci. & Med. Tech

### Initial course

Intermediate Graphic Design

Interm. Visual Commercial Art

Intermediate Media Arts

Intro. to Info/Comm. Tech

Intermed. Patient Care

### Capstone (completer)

Adv. Graphic Design

Adv. Visual Comm. Art

Adv. Media Arts

A.P. Computer Science A

Adv. Patient Care

## SCHS

### Industry Sector

Arts, Media, Entertainment

“

Information & Communication  
Technology

Transportation

### Initial course

Intermed. Graphic Des.

Interm. Visual Comm. Art

Intro. to Info/Comm. Tech

Intermed. Systems Diag.

### Capstone (completer)

Adv. Graphic Design

Adv. Visual Comm. Art

A.P. Computer Science A

Adv. Systems Diagnostic

# MORE SCHOOLS' PATHWAYS

## Scotts Valley

### Industry Sector

Arts, Media & Entertainment  
Info. & Communication Tech.

### Initial Course

Intermed. Graphic Des.  
Introduction to ICT

### Capstone(Completer)

Advanced Graphis Design  
TBD in 18-19

### Industry Sector

Building & Construction Trades

### Initial Course

Intro. to Bldg/Const. Trades

### Capstone(Completer)

Interm. Residential &  
Commercial Construction

Building & Construction Trades

Info. & Communication Tech

Arts, Media & Entertainment

“

Interm. Cabinetry/Millwork

Intro. to Info/Comm. Tech

Interm. Graphic Design

Interm. Visual/Comm. Art

Adv. Cabinetry/Millwork

A.P. Computer Science A

Advanced Graphic Design

Adv. Visual/Commercial Art

Manufacturing & Product Deve-  
lopment

Intro. to Manu/Prod. Dev.

Interm. Welding/Materials  
Joining

**SLV**

<u>Industry Sector</u>	<u>Initial course</u>	<u>Capstone (completer)</u>
Information & Communication Technology	Intro. to Info/Comm Tech	Intermediate Systems Programming (Robotics)
Agriculture/Natural Resources (will be in 2018-19)	Intro. to Sustainable Ag.	Interm. Sustainable Ag.

**Alternative Ed. Sites**

**Industry Sector**

Agriculture/Natural Resources

Health Science & Medical Technology

**Industry Sector**

Health Science & Medical Technology

Hospitality, Tourism & Recreation

Arts, Media & Entertainment

**Initial course**

Interm. Ag. Business

Intermed. Patient Care  
Aptos

**Initial course**

Intermed. Patient Care

Intro. To Hosp/Tour/Rec

Intermed. Graphic Des.

**Capstone (completer)**

Adv. Ag.  
Business-NBHS

Adv. Patient Care  
(Sequoia)

**Capstone (completer)**

Adv. Patient Care

Interm. Food Svc & Hosp

Adv. Graphic Design

# PAJARO VALLEY HS

## Industry Sector

Health Science & Medical  
Technology

Arts, Media, and Entertainment  
“(18-19)”

Education & Child Development

Transportation (BikeTech)

## Initial course

Intermediate Patient Care

Intermediate Graphic Design

Intermediate Musical Perform.

Intro. to Education

Intermediate Structural Repair

## Capstone (completer)

Advanced Patient Care

Advanced Graphic Design

Advanced Professional Music

Adv. Child Development

Advanced Structural Repair

# WATSONVILLE HS

## Industry Sector

Health Science & Med. Tech.

Transportation

Arts, Media & Entertainment

Building & Const. Trades

Hospitality, Tourism, Recreation

Ag/Natural Resources

“

“

## Initial course

Intermed. Patient Care

Intermediate Sys. Diag.

Interm. Film/Video Prod.

Intro. to Bldg.Const. Trds

Intro to H, T, Recreation

Interm. Ag. Business

Interm. Agriscience

Interm. Ornamental Hort

## Capstone (completer)

Adv. Patient Care

Adv. Sys. Diagnostics

Adv. Film/Video Prod.

Interm. Res/Comm Cons

Adv. Food Svc/Hospitality

Adv. Ag. Business

Adv. Agriscience

Adv. Ornamental Hort

# TAKING ACTION

1. Keep current on CTE courses and pathways offered at your site and others in SC County and within our region;
2. Encourage students to complete the full course sequence in a chosen pathway;
3. Promote continuation of career readiness opportunities at Cabrillo College, including dual enrollment;
4. Advocate for all postsecondary opportunities (e.g. uniformed services; AmeriCorps, etc.);
5. Use community resources (SC County Career Technical Education Partnership, Your Future Is Our Business, Tech meet-ups,
6. Need information about a certain industry sector or pathway? Feel free to contact me and encourage students to do the same.

**The pathways approach works best when we're on the road together!**



# RESOURCES/TOOLS

<http://www.santacruzcoe.org/student-services/rop/>

(ROP transitioning to SC County CTE Partnership)

<http://yfiob.org/> (Your Future Is Our Business)

<https://www.edweek.org/ew/collections/schools-and-future-of-work/index.html> (thought-provoking piece on how schools can/should prepare students)

\*<https://santacruz.careerconcourse.com/>

(user-friendly tool to navigate real-time labor market data and where jobs are)

<https://www.nepris.com/> (Work-based learning)