

**2023-2024**



**GTE**  
*Career Technical Education*

**COURSE  
GUIDE**



IMPERIAL COUNTY  
**STRONG WORKFORCE**  
PROGRAM CONSORTIUM  
HIGH SCHOOL



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## PARTICIPATING HIGH SCHOOLS

- Aurora High School
- Brawley Union High School
- Calexico High School
- Calipatria High School
- Central Union High School
- Desert Oasis High School
- Holtville High School
- ICOE's Valley Academy
- ICOE's Imperial Pathway Charter
- Imperial High School
- San Pasqual Valley High School
- Southwest High School

The Imperial Valley Regional Occupational Program (IVROP), Imperial County Office of Education (ICOE), Imperial Valley College (IVC), local school districts, and a variety of businesses and organizations have partnered together to create, support, and **expand high-quality Career Technical Education (CTE)** programs in Imperial County.

Through rigorous, relevant, and innovative instruction, the **Imperial County Strong Workforce Partnership Consortium (ICSWPC)** is empowering students with career skills and academic knowledge ensuring they are prepared for life, college, and career.

The **Imperial County CTE Course Guide** includes all CTE courses offered in Imperial County during the 2023-2024 school year. The courses are listed by pathways within each industry sector.

# ABOUT THE IMPERIAL COUNTY K-12 STRONG WORKFORCE CONSORTIUM



Career Technical Education (CTE) courses provide students with **real-world workforce skill development, career exploration, and college preparation.**

CTE courses integrate rigorous academic instruction with technical and occupational content that helps to increase student achievement, graduation rates, as well as college and career readiness. CTE courses are sequenced to create **pathways** for students in a course of study which can lead to college and career opportunities.

**Experience is the best teacher.** CTE can help all students get the experience needed to obtain the job of their choice, help upgrade skills, or help train them in a completely new field. Some classes even include the opportunity to complete training in a local business or organization.



*The U.S. Department of Education found that students enrolled in CTE programs have a high school graduation rate of more than 90 percent, compared to the average national freshman graduation rate of 75 percent. Additionally, 70 percent of students concentrating in CTE areas stayed in postsecondary education or transferred to a four-year degree program.*

[www2.ed.gov/datastory/cte](http://www2.ed.gov/datastory/cte)

## THE IMPORTANCE

# OF CTE

**Career Technical Education**

# CTE INDUSTRY SECTORS

There are **15 identified industry sectors**. CTE currently offers training based upon current and future labor market demands, and programs are focused on those career sectors where there is proven local industry demand and sufficient student interest and need.



## Agriculture and Natural Resources

- Agricultural Business
- Agricultural Mechanics
- Agriscience
- Animal Science
- Forestry and Natural Resources
- Ornamental Horticulture
- Plan and Soil Science



## Arts, Media, and Entertainment

- Design, Visual and Media Arts
- Performing Arts
- Production and Managerial Arts
- Game Design and Integration



## Building and Construction Trades

- Cabinetry, Millwork, and Woodworking
- Engineering and Heavy Construction
- Mechanical Systems Installation and Repair
- Residential & Commercial Construction



## Business and Finance

- Business Management
- Financial Services
- International Business



## Education, Child Development, and Family Services

- Child Development
- Consumer Services
- Education
- Family and Human Services



## Energy Environment and Utilities

- Environmental Resources
- Energy and Power Technology
- Telecommunications



## Engineering and Architecture

- Architectural Design
- Engineering Technology
- Engineering Design
- Environmental Engineering



## Fashion and Interior Design

- Fashion Design and Merchandising
- Interior Design
- Personal Services



## Health Science and Medical Technology

- Biotechnology
- Patient Care
- Health Care Administrative Services
- Health Care Operational Support Services
- Public and Community Health
- Mental and Behavioral Health



## Hospitality, Tourism, and Recreation

- Food Science, Dietetics, and Nutrition
- Food Service and Hospitality
- Hospitality, Tourism, and Recreation



## Information and Communication Technologies

- Information Support and Services
- Networking
- Software and Systems Development
- Games and Simulation



## Manufacturing and Product Development

- Graphic Production Technologies
- Machining and Forming Technologies
- Welding and Materials Joining
- Product Innovation and Design



## Marketing, Sales and Services

- Marketing
- Professional Sales
- Entrepreneurship/Self Employment



## Public Services

- Public Safety
- Emergency Response
- Legal Practices



## Transportation

- Operations
- Structural Repair & Refinishing
- Systems Diagnostics, Services and Repairs



# CTE CLASSES



## How are CTE Classes Taught?

CTE classes are conducted in classrooms equipped to industry standards, or in some cases, actual business and industry locations. Classes are a combination of classroom instruction and on-the-job training taught by highly-qualified professionals from the industry who are credentialed through the California Commission on Teacher Credentialing to teach in their areas of expertise.

## Who can Enroll?

CTE Pathways typically begin in high school and are **available to all students**. Some pathways may require prerequisites and may even begin in 9th grade or junior year in high school.

## Work-Based Learning

CTE programs in local high schools may offer work-based learning in addition to classroom instruction. These community-based WBL experiences help students develop knowledge and job skills through service learning and workplace mentoring experiences. Students may earn entry job certifications/permits (e.g., food handler's permit, forklift operations permit) that prepare them for future employment.



# CTE PATHWAYS

A Pathway is designed to provide students with a sequence of courses that will lead to progressive achievement of technical skill proficiency, and could lead to a credential and/ or a certificate.

Course Sequencing of CTE Pathways consists of a preferable sequence format of 3 courses in each program, ending with a capstone /advanced course. Some variations to this sequence will consist of 2 courses a concentrator and capstone and in some instances just a Capstone course.

## INTRODUCTORY COURSE 1

### Introductory Course

An initial or introductory course in a CTE program intended to provide a **beginning or introductory level** of information about an industry sector or career pathway

**Grade Level 9-10**

## CONCENTRATOR COURSE 2

### Concentrator Course

A CTE course beyond the introductory level that is intended to provide more **in-depth instruction** and exploration of a specific industry sector.

**Grade Level 10-12**

## CAPSTONE COURSE 3

### Capstone Course

The final course in a planned sequence of courses for a CTE program that provides a **rigorous and intensive** culmination of a course of study.

**Grade Level 11-12**

*In order for a student to be considered a CTE Completer, a student must complete a CTE Sequence of courses of 300 hours or more and pass a capstone course with a grade of C- or better.*



**300 HOURS**



# A-G COURSES

The A-G/ College Entrance Requirements are a sequence of high school courses that students must complete to be minimally eligible for admission to a University

<b>A</b> History 2 Yrs Required	<b>E</b> Foreign Language 2 Yrs Required 3 Recommended
<b>B</b> English 4 Yrs Required	<b>F</b> Visual and Performing Arts 1 Yr Required
<b>C</b> Math 3 Yrs Required 4 Recommended	<b>G</b> College Preparatory Elective 1 Yr Required
<b>D</b> Laboratory Science 2 Yrs Required 3 Recommended	

Courses must be completed with a grade of "C" or better. "D and F" grades are not acceptable for admission to a UC or CSU.



This Course Guide identifies all CTE Courses that are part of the **A-G requirements** for admission to the University of California and California State University systems.



Also noted in the Course Guide are those courses that have one or more **industry certification(s)** available to students while taking the CTE course. For details about specific certifications in each course, contact the instructor.



# EARLY COLLEGE CREDIT

Earning College credit while taking CTE Classes

# CTE

Career Technical Education

CTE offers an array of opportunities for high school students to **earn early college credit** while taking CTE courses at their local high school.

✓ They are noted with a green check in the Course Guide.

**Articulated Courses** are noted in the Course Guide and require a student to pass an exam at the end of the course.

**Dual Enrollment Courses** are offered in local high schools and may be a CTE course as well.

**Concurrent Enrollment** are courses offered at a community college and are open to anyone.

**AP/IB Courses** may count for college credit depending on their score on the AP/IB exam.



# CTE IN MIDDLE SCHOOLS

**Early is better.** It is vital that students start thinking about their future as early as possible. All Imperial County middle schools and junior highs are participating in the Strong Workforce Program Consortium that supports career exploration and development for approximately 6,000 students in all 19 middle schools or junior highs county wide. This year, the 7-8 grade initiative includes a career readiness curriculum called *Building a Bridge to Your Future*, CTE Exploration curriculum and the development of a curriculum designed for students who are English language learners to ensure equitable access to CTE programs for all students in every school.



The **Imperial County Strong Workforce Program Consortium** plays an important role coordinating and planning CTE offerings in Imperial County. Consortium members work collaboratively to sequence courses and align pathways to local industry needs. These coordinated efforts improve the transition from middle school or junior high to high school and then on to college and career in order to help students realize their educational and career aspirations.



## Career Ready Practices

- Apply appropriate technical skills and academic knowledge.
- Communicate clearly, effectively, and with reason.
- Develop an education and career plan aligned with personal goals.
- Apply technology to enhance productivity.
- Utilize critical thinking to make sense of problems and persevere in solving them.
- Practice personal health and understand financial literacy.
- Act as a responsible citizen in the workplace and the community.
- Model integrity, ethical leadership, and effective management.
- Work productively in teams while integrating cultural and global competence.
- Demonstrate creativity and innovation.
- Employ valid and reliable research strategies.
- Understand the environmental, social, and economic impacts of decisions.

# CAREER TECHNICAL STUDENT ORGANIZATIONS

Career Technical Student Organizations (CTSO) are national student organizations designed to support student leadership in CTE programs. Participation in CTSOs help students develop technical and leadership skills that will enable them to succeed in their career paths. CTSO activities help students develop positive attitudes, build self-esteem, and empower students to excel. They learn valuable professional skills such as communication, time management, teamwork, and problem solving.





# CONNECTING STUDENTS TO COLLEGE & CAREERS





# FIND YOUR PATH

IMPERIAL COUNTY OFFICE OF EDUCATION  
OFFICE OF HIGHER EDUCATION & ADULT LEARNING



SCAN ME 

The team at Imperial County Office of Education's Higher Education and Adult Learning Department has created a website focused on helping local students and their families, find their path!

[www.FindYourPath.org](http://www.FindYourPath.org)

## **College and University Information**

Detailed information about how to best prepare for college and university education can be found on the website.

## **Career Technical Education (CTE) Information**

Additional information about CTE programs at each high school is listed.

## **Military and Law Enforcement**

Resources for students interested in a career in Law Enforcement and/or Military branches can be found.

## **Career Exploration Resources**

A collection of resources are assembled for students who want to explore various career opportunities.

## **Scholarships**












A complete listing of all local scholarships for graduating high school seniors.

## **Find Your Path Podcast**

Links to our favorite podcast are found on the website.






INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Agriculture and Natural Resources	<b>Agricultural Mechanics (101)</b>	Introduction to Agriculture (7100) <b>G</b>	Agricultural Mechanics (7121) 	Advanced Agricultural Mechanics (7122) 	- None currently offered within this sector
	<b>Animal Science (103)</b>	Introduction to Agriculture (7100) <b>G</b>	Animal Science (7141) <b>G</b>	Advanced Animal Science (7142) 	
	<b>Ornamental Horticulture (105)</b>		ROP Landscape (7162) <i>Two-Hour Course</i>		
	<b>Plant Science (106)</b>	Introduction to Agriculture (7100) <b>G</b>	Plant Science (7171)  <b>G</b>	Advanced Plant Science (7172)  <b>G</b>	
 Arts, Media, Entertainment	<b>Design, Visual &amp; Media Arts (111)</b>		Graphic Design (7211)  <b>F</b>	Graphic Design 2 (7212) <b>F</b>	 Articulated course with IVC
	<b>Production &amp; Managerial Art (113)</b>		ROP Auditorium Technology <i>Two-Hour Course (7242)</i>		 None currently offered within this pathway
 Building and Construction Trades	<b>Cabinetry, Millwork and Woodworking (120)</b>		Wood 1 (7311)	Wood 2 (7312)	- None currently offered within this sector
	<b>Residential and Commercial Construction (123)</b>		Electrical Applications (7341)	Electrical Applications 2 (7342)	
			ROP Construction, <i>Two-Hour Course (7342)</i>		

**2023-2024**

**F** Counts towards Visual & Performing Arts for A-G Requirements

 Course offers one or more industry certifications

**G** Counts towards "G" Elective for A-G Requirements

**BRAWLEY UNION HIGH SCHOOL DISTRICT**  
**BRAWLEY UNION HIGH SCHOOL**  
**CAREER TECHNICAL EDUCATION PATHWAYS**



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
<p>Information &amp; Communication Technologies</p>	<p><b>Software &amp; Systems Development</b> (174)</p>		Exploring Computer Science (8131) <b>G</b>	AP Computer Science Principles (8132) <b>D</b>	None currently offered within this pathway <b>-</b>
			Robotics Technology (8132) <i>Two-Hour Course</i> <b>G</b> ✓		✓ Articulated course with IVC
<p>Health Science &amp; Medical Technology</p>	<p><b>Patient Care</b> (198)</p>		ROP Nursing (7922) <i>Two-Hour Course</i> ✓		✓ Articulated course with IVC
	<p><b>Public &amp; Community Health</b> (199)</p>		Medical Terminology (7951) ✓ <b>G</b>	Public & Community Health (7952) <b>G</b>	✓ Articulated course with IVC
<p>Hospitality, Tourism, and Recreation</p>	<p><b>Food Service &amp; Hospitality</b> (201)</p>		Foods (8020)	Foods 2 (8021)	None currently offered within this pathway <b>-</b>
<p>Manufacturing &amp; Product Development</p>	<p><b>Welding and Materials Joining</b> (213)</p>		Welding (8230) ✓	Advanced Welding (8231)	✓ Articulated course with IVC
<p>Public Services</p>	<p><b>Public Safety</b> (232)</p>		Introduction to Criminal Justice (8411) ✓ <b>G</b>	Procedures in the Justice System (8412) ✓ <b>G</b>	✓ Articulated course with IVC

**D** Counts towards Laboratory Science for A-G Requirements

**G** Counts towards "G" Elective for A-G Requirements

**2023-2024**

# CALEXICO UNIFIED SCHOOL DISTRICT

## CALEXICO HIGH SCHOOL

### CAREER TECHNICAL EDUCATION PATHWAYS



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
<p>Agriculture and Natural Resources</p>	<b>Agricultural Mechanics (101)</b>	Introduction to Agricultural Mechanics (7120)	Intermediate Agricultural Mechanics (7121) <i>*offered 2024-25</i>	Advanced Agricultural Mechanics (7122) <i>*offered 2025-26</i>	<p style="text-align: center;">- None currently offered within this sector</p>
	<b>Animal Science (103)</b>	Introduction to Agriculture (7100) <b>G</b>	Veterinary Science (7141) <b>G</b>	Advanced Veterinary Technician (7142) <b>D</b>	
	<b>Ornamental Horticulture (105)</b>	Introduction to Agriculture (7100) <b>G</b>	Ornamental Horticulture (7161) <b>G</b>	Advanced Ornamental Horticulture (7162)	
	<b>Plant &amp; Soil Science (106)</b>		Advanced Plant Science (7172) <i>Two-Hour Course</i>		
<p>Business and Finance</p>	<b>Financial Services (180)</b>	Introduction to Financial Services (7400)	Financial Services <i>*offered 2024-25</i>	Advance Financial Services <i>*offered 2025-26</i>	<p style="text-align: center;">- None currently offered within this pathway</p>
<p>Education, Child Development &amp; Family Services</p>	<b>Child Development (130)</b>		Intermediate Child Development (7510) <b>G</b>	Advanced Child Development (7511) <i>Two-Hour Course</i> <b>G</b>	<p style="text-align: center;">- None currently offered within this pathway</p>
<p>Fashion &amp; Interior Design</p>	<b>Fashion Design &amp; Merchandising (160)</b>			Apparel Manufacturing & Production (7811) <b>G</b>	<p style="text-align: center;">- None currently offered within this pathway</p>
<p>Health Science &amp; Medical Technology</p>	<b>Healthcare Operational Support Services (197)</b>		Medical Terminology (7941) <b>G</b>	Medical Office Assistant (7942)	<p style="text-align: center;">✓ Articulation with IVC Pending</p>

**D** Counts towards Laboratory Science for A-G Requirements

**G** Counts towards "G" Elective for A-G Requirements

**2023-2024**

Course offers one or more industry certifications

# CALEXICO UNIFIED SCHOOL DISTRICT

## CALEXICO HIGH SCHOOL

### CAREER TECHNICAL EDUCATION PATHWAYS





INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
Hospitality, Tourism, & Recreation	<b>Food Service &amp; Hospitality (201)</b>		Food Technology (8020)	Advanced Food Technology (8021)	None currently offered within this pathway
Information Technology	<b>Information Support &amp; Services (170)</b>		Computer Applications (8111)	Computer Technician (8112)	Articulation with IVC Pending
Manufacturing & Product Development	<b>Welding &amp; Materials Joining (213)</b>		Welding (8230)	Advanced Welding (8231)	Articulation with IVC Pending
Marketing, Sales & Services	<b>Entrepreneurship Self-Employment (241)</b>		Entrepreneurship Self-Employment (8330)	Advanced Entrepreneurship Self-Employment (8331)	None currently offered within this pathway
Public Service	<b>Public Safety (232)</b>		Introduction to Criminal Justice (8411)	Law Enforcement 2 (8412)	Articulation with IVC Pending
Transportation	<b>Systems Diagnostics, Services, &amp; Repair (221)</b>	Introduction to Auto Shop (8530)	Auto Shop (8531)	Advanced Auto Shop (8532)	None currently offered within this pathway














**2023-2024**

Counts towards "G" Elective for A-G Requirements

**CALEXICO UNIFIED SCHOOL DISTRICT**  
**AURORA HIGH SCHOOL**  
**CAREER TECHNICAL EDUCATION PATHWAY**



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Public Services	<b>Emergency Response (233)</b>		Emergency Response (8421)	Advanced Emergency Response (8422)	 None currently offered within this pathway

INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Agriculture and Natural Resources	<b>Agricultural Business</b> (100)		Agricultural Business 1 (7111)	Agricultural Business 2 (7112)	 None currently offered within this sector
	<b>Agricultural Mechanics</b> (101)		Agricultural Mechanics 1 (7121)	Agricultural Mechanics 2 (7122)	
	<b>Animal Science</b> (103)		Animal Science 1 (7141)	Animal Science 2 (7142)	
 Arts, Media, Entertainment	<b>Professional Music</b> (112B)		Band 1 (7234)	Band 2 (7235)	 None currently offered within this pathway
 Hospitality, Tourism, and Recreation	<b>Food Service &amp; Hospitality</b> (201)		Food Services 1 (8020)  <b>G</b>	Food Services 2 (8021)  <b>G</b>	 None currently offered within this pathway
 Information and Communication Technology	<b>Information Support &amp; Services</b> (170)		Digital Literacy (8111)	Desktop Publishing (8112) <b>G</b>	 None currently offered within this pathway
	<b>Software Systems Development</b> (174)		Computer Principles (8131)	Advanced Computer Principals (8132)	 None currently offered within this pathway
 Manufacturing & Product Development	<b>Welding and Materials Joining</b> (213)		Welding 1 (8230)	Welding 2 (8231)	 None currently offered within this pathway



# CENTRAL UNION SCHOOL DISTRICT

## CENTRAL UNION HIGH SCHOOL

### CAREER TECHNICAL EDUCATION PATHWAYS



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
Arts, Media, Entertainment	<b>Design, Visual &amp; Media Arts</b> (111)		Photography 1 (7211)	Photography 2 (7212)	Articulation in place with IVC
Building and Construction Trades	<b>Residential and Commercial Construction</b> (123)		Construction 1 (7341)	Construction 2 (7342)	Articulation in place with IVC
Business and Finance	<b>Financial Services</b> (180)		Financial Services & Banking (7420)	Computerized Accounting (7422)	Articulation in place with IVC
Engineering & Architecture	<b>Engineering Technology</b> (153)		PLTW Introduction to Engineering Design (7720)	Computer Integrated Manufacturing (7721)	None currently offered within this pathway
	<b>Engineering Technology</b> (153)		PLTW Introduction to Engineering Design (7720)	Civil Engineering & Architecture (7721)	None currently offered within this pathway
Health Science & Medical Technology	<b>Biotechnology</b> (196)	Principles of Biomedical Science (7910)	Human Body Systems (7911)	Medical Interventions (7912)	None currently offered within this pathway
Information and Communication Technology	<b>Information Support &amp; Services</b> (170)		Exploring Computer Science (8131)	AP Computer Science (8132)	None currently offered within this pathway
	<b>Information Support &amp; Services</b> (170)		AP Computer Principles (8131)	AP Computer Science (8132)	None currently offered within this pathway

Counts towards Laboratory Science for A-G Requirements

Counts towards "G" Elective for A-G Requirements

Counts towards Mathematics for A-G Requirements

Course offers one or more industry certifications

**2023-2024**

**CENTRAL UNION SCHOOL DISTRICT**  
**CENTRAL UNION HIGH SCHOOL**  
**CAREER TECHNICAL EDUCATION PATHWAYS**



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE 1	CONCENTRATOR COURSE 2	CAPSTONE COURSE 3	EARLY COLLEGE CREDIT OFFERED
Public Service	<b>Public Safety (232)</b>	Legal Services 10 (8410) <b>G</b>	Legal Services 11 (8411) ✓ <b>G</b>	Legal Services 12 (8412)	✓ Articulation in place with IVC
Transportation	<b>Community College Automotive Pathway</b>		*Fall Semester Basic Shop Skills (Auto 75) ✓	*Spring Semester Automotive Maintenance & Repair (Auto 85) ✓	✓ Dual Enrollment with IVC - 6 units for both courses
	<b>Community College Automotive Pathway</b>		Engine Performance & Tune-up (Auto 160) ✓	Automotive Electronics 1 (Auto 130) ✓	✓ Dual Enrollment with IVC - 6 units for both courses

**CENTRAL UNION SCHOOL DISTRICT**  
**DESERT OASIS HIGH SCHOOL**  
**CAREER TECHNICAL EDUCATION PATHWAYS**


































INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE 1	CONCENTRATOR COURSE 2	CAPSTONE COURSE 3	EARLY COLLEGE CREDIT OFFERED
Fashion and Interior Design	<b>Personal Services (162B)</b>		Barber & Beauty (7833)	Advanced Barber & Beauty (7835) <b>G</b>	None currently offered within this pathway
Information and Communication Technologies	<b>Information Support and Services (170)</b>		Cyber Security 1 (8111)	Cyber Security 2 (8112)	None currently offered within this pathway

# CENTRAL UNION SCHOOL DISTRICT


## SOUTHWEST HIGH SCHOOL

### CAREER TECHNICAL EDUCATION PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE 1	CONCENTRATOR COURSE 2	CAPSTONE COURSE 3	EARLY COLLEGE CREDIT OFFERED
 Agriculture & Natural Resources	<b>Agriculture Business</b> (100)	Agriculture Integrated Science (7100) 	Agriculture Leadership (7111)  <b>G</b>	Ag Econ (7112)  <b>G</b> Ag Government (7112)  <b>A</b>	None currently offered within this pathway 
	<b>Agriculture Mechanics</b> (101)	Introduction Agricultural Mechanics (7120)  <b>G</b>	Intermediate Agricultural Mechanics (7121)  <b>G</b>	Advanced Agriculture Mechanics (7122)  <b>G</b>	None currently offered within this pathway 
	<b>Agriscience</b> (102)	Agriculture Integrated Science (7100)	Agriculture Plant & Soil Science (7141)  <b>G</b>	Advanced Interdisciplinary Science for Sustainable Agriculture (7135)  <b>D</b>	None currently offered within this pathway 
	<b>Animal Science</b> (103)	Agriculture Integrated Science (7100)	Animal Science (7141)  <b>G</b>	Veterinary Medical Applications (7142)  <b>D</b>	None currently offered within this pathway 
 Arts, Media & Entertainment	<b>Design, Visual &amp; Media Arts</b> (111)		Graphic Design (7211)  <b>F</b>	Computer Animation & Design (7212)  <b>F</b>	Articulation in place with IVC 
 Business and Finance	<b>Financial Services</b> (180)		Financial Services & Banking (7420)  <b>G</b>	Computerized Accounting (7422)  <b>G</b>	None currently offered within this pathway 
 Health Science & Medical Technology	<b>Patient Care</b> (198)	Introduction to Health Science (7920)	Medical Terminology (7921)  <b>G</b>	Community Health Worker (7922)  <b>G</b>	Articulation in place with IVC 
	<b>Patient Care</b> (198)	Introduction to Health Science (7920)	Medical Terminology (7921)  <b>G</b>	First Responder (7922)  <b>G</b>	Articulation in place with IVC 

**A** Counts towards History for A-G Requirements

**D** Counts towards Laboratory Science for A-G Requirements

 Course offers one or more industry certifications








**F** Counts towards Visual & Performing Arts for A-G Requirements

**G** Counts towards "G" Elective for A-G Requirements

2023-2024


**CENTRAL UNION SCHOOL DISTRICT**  
**SOUTHWEST HIGH SCHOOL**  
**CAREER TECHNICAL EDUCATION PATHWAYS**



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Health Science & Medical Technology	<b>Patient Care (198)</b>	Introduction to Health Science (7920)	Medical Terminology (7921) ✓ <b>G</b>	ROP Dental Assistant (7922)  <b>G</b>	✓ Articulated course with IVC
	<b>Patient Care (198)</b>	Introduction to Health Science (7920)	Medical Terminology (7921) ✓ <b>G</b>	Sports Medicine (7922)  <b>G</b>	✓ Articulated course with IVC
 Hospitality, Tourism, and Recreation	<b>Food Service &amp; Hospitality (201)</b>		Culinary Arts 1 (8020)  <b>G</b>	Advanced Culinary Arts (8021) <b>G</b>	- None currently offered within this pathway
	<b>Food Service &amp; Hospitality (201)</b>		Culinary Arts 1 (8020) 	Culinary Arts 2 (8021) <b>G</b>	
 Public Services	<b>Public Safety (232)</b>		Cadet 1 (8411)	Cadet 2 (8412) *Offered 2024-25 <b>G</b>	- None currently offered within this pathway

**2023-2024**





**G** Counts towards "G" Elective for A-G Requirements

 Course offers one or more industry certifications

# HOLTVILLE UNIFIED SCHOOL DISTRICT

## HOLTVILLE HIGH SCHOOL


### CAREER TECHNICAL EDUCATION PATHWAYS

INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Agriculture & Natural Resources	<b>Agriculture Mechanics (101)</b>	Introduction to Agriculture Mechanics (7120)	Agriculture Mechanic Wood (7121) ✓	Advanced Agriculture Fabrication (7122) <b>F</b>	✓ Articulated course with IVC - Pending
	<b>Agriculture Science (102)</b>	Introduction to Agriculture Science (7130) <b>D</b>	Agriculture-Biology (7131) <b>D</b>	Advanced Agriculture-Science (7132)	✗ None currently offered within this pathway
	<b>Animal Science Pathway (103)</b>	Introduction to Agriculture Science (7130) <b>D</b>	Veterinary Science 1 (7141) <b>D</b>	Veterinary Science 2 (7142)	✗ None currently offered within this pathway
	<b>Plant and Soil Pathway (106)</b>	Introduction to Agriculture Science (7130) <b>D</b>	Food and Plant Science 1 (7171) <b>D</b>	Food and Plant Science 2 (7172)	✗ None currently offered within this pathway
 Business and Finance	<b>Business Management (182)</b>	Introduction to Business Tech (7400) ✓	Business Management Technology (7411)	Advanced Business Management (7412)	✓ Articulated course with IVC
 Health Science & Med Technology	<b>Patient Care (198)</b>	Introduction to Medical Occupations(7920) <b>G</b>	Medical Terminology (7921) ✓ <b>G</b>	Sports Medicine (7922) <b>G</b>	✓ Articulated course with IVC
 Information and Communication Technologies	<b>Software &amp; Systems Development (174)</b>	Introduction to Computers Information Systems (8130)	Computer Information Systems (8131)	Advanced Computer Information Systems (8132)	✗ None currently offered within this pathway

**D** Counts towards Laboratory Science for A-G Requirements

**F** Counts towards Visual & Performing Arts for A-G Requirements

**G** Counts towards "G" Elective for A-G Requirements



 Course offers one or more industry certifications

# HOLTVILLE UNIFIED SCHOOL DISTRICT

## HOLTVILLE HIGH SCHOOL

### CAREER TECHNICAL EDUCATION PATHWAYS



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Public Service	<b>Public Safety</b> (232)	Introduction to Public Safety*(8410) ✓ G	Public Safety 2*(8411) ✓ G	Public Safety 3 (8412) ✓ G	✓ Articulated course with IVC
 Transportation	<b>Systems Diagnostics, Service, and Repair</b> (221)	Small Engine Repair (8530) G	Auto Tech 1 (8531) ✓ G	Auto Tech 2 (8532)	✓ Articulated course with IVC

**G** Counts towards "G" Elective for A-G Requirements



**IMPERIAL COUNTY OFFICE OF EDUCATION**  
**VALLEY ACADEMY AND IMPERIAL PATHWAYS CHARTER**  
**CAREER TECHNICAL EDUCATION PATHWAYS**



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
Arts, Media, Entertainment	<b>Graphic Design</b> (111A)		Graphics and Print (7212)		Articulated course with IVC - Pending
Building and Construction Trades	<b>Mechanical Systems Installation and Repair</b> (122)		HVAC - Heating, Ventilation and Air Conditioning (7332)		Articulated course with IVC - Pending
Fashion and Interior Design	<b>Personal Services</b> (162B)		Intermediate Beauty & Barber (7834)	Advanced Beauty & Barber (7835)	None currently offered within this sector
Health Science & Medical Technology	<b>Patient Care</b> (198)		Medical Assistant (7332) <i>Designated Honors Course</i>		None currently offered within this sector

**2023-2024**















Counts towards "G" Elective for A-G Requirements

Course offers one or more industry certifications

# IMPERIAL UNIFIED SCHOOL DISTRICT



## IMPERIAL HIGH SCHOOL

### CAREER TECHNICAL EDUCATION PATHWAYS



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Agriculture and Natural Resources	<b>Agriculture Mechanics</b> (101)	Exploratory Agriculture Science (7100) <b>G</b> <i>*Taught in Middle School</i>	Agricultural Mechanics I (7021) <b>G</b>	Agricultural Mechanics II (7122) <b>G</b>	 None currently offered within this sector
	<b>Agriscience</b> (102)	Biology and Sustainable Agriculture (7130) <b>D</b>	Chemistry and Agriscience (7131) <b>D</b>	Agriscience Systems Management (7132) <b>D</b>	
	<b>Animal Science</b> (103)	Biology and Sustainable Agriculture (7130) <b>D</b>	Veterinary Science I (7141) <b>G</b>	Veterinary Science II (7142) <b>D</b>	
 Arts, Media, Entertainment	<b>Media and Design Arts</b> (111)		Computer Graphics (7220)  <b>F</b>	Computer Graphics II (7221)	 Articulated course with IVC
 Health Science & Medical Technology	<b>Healthcare Operational Support</b> (197)	Medical Terminology (7940)  <b>G</b>	Pharmacy Technician I (7941) <b>G</b>	Pharmacy Technician II (7942) <b>G</b>	 Articulated course with IVC
	<b>Patient Care</b> (198)		Patient Care I (7921) <b>G</b> 	Patient Care II (7922) <b>G</b> 	 None currently offered within this pathway
 Hospitality, Tourism, and Recreation	<b>Food Service and Hospitality</b> (201)		Culinary Arts I (8020) <b>G</b>	Culinary Arts II (8021) <b>G</b> 	 None currently offered within this sector

**IMPERIAL UNIFIED SCHOOL DISTRICT**  
**IMPERIAL HIGH SCHOOL**  
**CAREER TECHNICAL EDUCATION PATHWAYS**



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Public Services	<b>Public Safety</b> (232)		Criminal Justice I (8411)	Criminal Justice II (8412)	 None currently offered within this sector
	<b>Emergency Response</b> (233)		Fire Science I (8421)	Fire Science II (8422)	



INDUSTRY SECTOR	CTE PATHWAY	INTRODUCTORY COURSE <sup>1</sup>	CONCENTRATOR COURSE <sup>2</sup>	CAPSTONE COURSE <sup>3</sup>	EARLY COLLEGE CREDIT OFFERED
 Agriculture and Natural Resources	<b>Agriscience</b> (102)	Introduction to Agriscience (7130) <b>G</b>	Agriculture Biology (7131)	Advanced Agriscience (7132)	- None currently offered within this sector
 Education, Child Development & Family Studies	Child Development (130)		Child Development (7510) <b>G</b>	Careers with Children (7511)	- None currently offered within this sector



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