



LINKED LEARNING ACADEMIES

College & Career Readiness

CAREER TECHNICAL EDUCATION




VISALIA UNIFIED SCHOOL DISTRICT
College&Career
Readiness
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SUPERINTENDENT'S MESSAGE

Dear Parents and Students,

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 become lifelong learners. CTE courses prepare students for the world of work by introducing them to workplace competencies and making academic content accessible in a hands-on context.

Visalia Unified is proud of our Linked Learning Academies and Career Technical Education pathways. This booklet highlights each of the academies as well as CTE pathways that are available to our students. Linked Learning is an approach to education that engages our youth and provides more equitable opportunities for our students. When we combine college and career preparation, we open doors for students by positioning them to pursue a full range of postsecondary options, including college, trade school, or other certification and credentialing opportunities. VUSD offers CTE pathways at all of its high schools. Each high school has its own unique industry sector-aligned pathways in which students can participate throughout their high school experience.

For more information regarding the VUSD College and Career Readiness Department, Linked Learning academies, and CTE pathways, please visit our College and Career Readiness website at https://sites.google.com/vusd.us/vusd-ccr/.

Sincerely,

Douglas V. Cardoza
Interim Superintendent



Learning that works for California CTE®

LINKED LEARNING®

VISALIA UNIFIED SCHOOL DISTRICT College & Career Readiness

Visalia UNIFIED SCHOOL DISTRICT

VISALIA UNIFIED SCHOOL DISTRICT
College&Career Readiness

Dear Parents and Students,

We are honored to help you plan the next steps in your educational journey, especially during this important time in our country's history. Our youth will grow up to find solutions to today's problems, and so many opportunities are available for students to explore their interests and strengths in Visalia high schools. The goal of the College and Career Readiness Department is to ensure our students have all the tools needed to select a path that will lead to their success and joy in the future. We are so excited to share the journey with you!

Our Career Technical Education (CTE) pathways and Linked Learning academies provide students with hands-on, real-life experiences that help them discover their passions and talents. Students will be challenged to think deeply and critically, grow as students and valuable members of our community, and play a fundamental, impactful role in the professions that make up our society today and in the future. Through our Work-Based Learning programs, students will participate in field trips and other career exploration opportunities, job shadowing experiences, and internships that put them directly into their fields of interest. They can earn certifications that showcase their accomplishments and lead to career opportunities beyond high school. Our eight Linked Learning academies and 42 CTE pathways provide students a wide range of options from which to select.

More than half of Visalia high school students participate in CTE pathways or Linked Learning academies. Those students have the opportunity to complete a pathway of study within 14 different industry sectors. They have the opportunity to grow as leaders in career technical student organizations such as Future Farmers of America (FFA), Future Business Leaders of America (FBLA), and Distributive Education Clubs of America (DECA). As you explore your options, we encourage you to consider these powerful opportunities to spend the next four years preparing for a bright, fulfilling future.

Please review this booklet to see what our District offers. If you have any questions about any CTE pathway or Linked Learning academy, please feel free to contact your high school's Student Services Department or the College and Career Readiness Department.

On behalf of the College and Career Readiness Department, we thank you for the opportunity to share in your journey and support your dreams and goals. We look forward to working with you in the future.

Sincerely,

Vicki Leoni
Director, College & Career Readiness Department



DEPARTMENT STAFF



Deidre Johnson
Administrative Assistant



Kathy Brophy
CTE Program Specialist
(CNA & MA Programs)



Alma Hurtado
College & Career Counseling Aide



Theresa Polich
Work-Based Learning Coordinator



Carina Mello
Work-Based Learning Coordinator



Paige Loverin
District College & Career Counselor



Joanna Cremers
District College & Career Counselor

UNIVERSITY OF CALIFORNIA / CALIFORNIA STATE UNIVERSITY A-G REQUIREMENTS

The A-G requirements are courses students must take to qualify for college admission in the University of California and California State University systems. Most of VUSD's CTE pathways and Linked Learning academy courses are "A-G" approved. Courses with a "(P)" after the title are A-G approved courses.

To meet minimum admission requirements, students must complete 15 yearlong high school A-G approved courses with a letter grade of "C" or better; 11 A-G courses must be completed before a student's senior year. Keep in mind that taking approved high school A-G courses is not the only way to satisfy these requirements. A student may also meet them by completing college courses or earning specific scores on SAT or Advanced Placement exams.

A) HISTORY

Two years of history, including:

- One year of world or European history, cultures, and geography (may be a single yearlong course or two one-semester courses); and
- One year of U.S. history or one-half year of U.S. history and one-half year of civics or American government.

B) ENGLISH

Four years of college-preparatory English that includes frequent writing, from brain storming to final paper, as well as reading of classic and modern literature.

C) MATHEMATICS

Three years of college-preparatory mathematics that include integrated Math I, II, and III.

D) SCIENCE

Two years of college-preparatory science, including two of three subjects: biology, chemistry, or physics. One year of approved interdisciplinary or earth/space science coursework can meet one year of the requirement. Computer science, engineering, and applied science courses can be used in area D as an additional science (i.e., third year and beyond).

E) FOREIGN LANGUAGE

Two years, or equivalent to the second level of high school instruction of the same language other than English required. (Three years/third level of high school instruction recommended.)

F) VISUAL & PERFORMING ARTS

One yearlong course of visual and performing arts chosen from the following disciplines: dance, music, theater, visual arts, or interdisciplinary arts.

G) COLLEGE PREP ELECTIVE

One year (two semesters) chosen from courses specific to the elective (G) subject area or courses beyond those used to satisfy the requirements of the A-F subjects.

UNIVERSITY OF CALIFORNIA

CSU The California State University

WHY LINKED LEARNING?

The Linked Learning Alliance describes how this approach prepares all students for success: "Research and experience show that real educational solutions exist in the 'and'. When we combine college and career preparation, we put every student in a position to pursue the full range of postsecondary options, whether trade school, college, or other credentialing programs.

Historically, the vast majority of American students have faced an 'or'. At some point in their high school experience, they were deemed to be college material or not. As a result, they were encouraged to study for college or train for a trade. But when college-entry coursework is separated from career technical education, the limits of each model are exacerbated. When integrated, college and career preparation reinforce each other, creating a much stronger equation with real benefits to our students, communities, and economy. That's the power of plus - and the driving principle behind Linked Learning."



FOUR CORE COMPONENTS OF LINKED LEARNING

RIGOROUS ACADEMICS

An academic core that includes college preparatory English, mathematics, science, history, and foreign language courses for all students.

REAL-WORLD TECHNICAL SKILLS

Challenging career-themed and sequenced courses each year that enable students to gain the knowledge and skills that provides them with a strong foundation to successful career and college experiences.

WORK-BASED LEARNING SKILLS

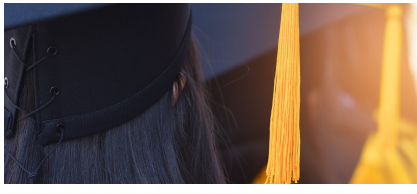
A series of work-based learning opportunities that begin with career exploration, mentoring, and job shadowing and evolves into intensive internships or school-based enterprises / virtual apprenticeships.

PERSONALIZED SUPPORT

Support services such as counseling and supplemental instruction supports to assist students in the mastery of their academic and technical learning.

LINKED LEARNING A PROVEN SUCCESS

Research shows that Linked Learning students of all demographic profiles have higher persistence and graduation rates, earn more credits, and are more likely to be on track with UC/CSU A-G requirements than their peers in traditional programs.



DISCOVERING & DEVELOPING YOUR PASSION

Committed students can select one of eight Linked Learning academies located in the District's four comprehensive high schools sites (El Diamante, Golden West, Mt. Whitney, or Redwood High Schools) that align with their personal career interests. The Linked Learning academies reflect state and region-relevant industry sectors.

Although joining an academy does entail a four-year commitment, participation in a specific academy does not determine a student's life long-career path. Instead, it enhances the high school experience by exposing students to various professions and develops skills and confidence that are needed in any profession.

Linked Learning academy courses include a college-prep curriculum that helps students complete the necessary coursework to meet admission requirements to the University of California or the California State University system.

Students gain real-world experiences and connections with professionals from the industry sector of their academy through mentorships, job shadowing, and internship opportunities.

ACADEMY RECRUITMENT & APPLICATION PROCESS

The Linked Learning academies are open to all Visalia Unified School District-boundary incoming ninth-grade students entering high schools. Students will be viewing information videos in their eighth-grade courses the week of January 17, 2022. A parent presentation will also be held on Thursday, January 20, 2022, via a Zoom webinar. Students and parents are encouraged to participate in the recruitment event, read through the academy descriptions included in this booklet, and discuss this decision before applying for an academy.

LINKED LEARNING ACADEMY APPLICATION

Together with their parents, students can choose a Linked Learning academy to attend using an online application. The application period will open on January 20, 2022, and close on February 25, 2022, for fall 2022. Once an application is received and verified, students will receive a confirmation letter and information about the chosen academy orientation.

The application link can be found by scanning the QRS code below or by visiting the CCR website at https://sites.google.com/vusd.us/vusd-ccr/ (under "Quick Links," click "Linked Learning Academies").



ACADEMY TRANSPORTATION

Visalia Unified School District will provide a busing route between schools to accommodate students traveling to their academy school. Busing is not provided to specific homes.



APPLICATION PERIOD

January 20 - February 25, 2022

FOR FALL 2022

PARENT PRESENTATION

Thursday, January 20, 2022

VIA ZOOM WEBINAR

LINKED LEARNING ACADEMY SITES

BUSINESS & FINANCE ACADEMY

MEDIA ARTS ACADEMY

FIRST RESPONDERS ACADEMY

STRONG ACADEMY

LINKED LEARNING®

ACE ACADEMY

HEALTH SCIENCE ACADEMY

LAW & JUSTICE ACADEMY

COMPUTER SCIENCE ACADEMY

Academy Coordinator:
Colleen Duerksen
cduerksen@vusd.org

Academy Lead Teacher:
Kerry Newlin
knewlin@vusd.org

BUSINESS & FINANCE ACADEMY



The Business and Finance Academy is an academic program designed to integrate core curriculum (English, social science, and science) focusing on careers in business and entrepreneurship. Students will be introduced to foundational concepts in business, including banking, marketing, finance/stock market, graphic design, accounting, entrepreneurship, and management. Career speakers, business mentors from the community, and internships are necessary experiences, along with college visits and industry tours. Students will also have dual enrollment in college coursework and earn college credit as high school students.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	Integrated Business	Business Tech	Accounting (P)**	Virtual Enterprise (P)
LINKED CLASSES	English 1 (P) Inter Math 1 (P)	English 2 (P) Inter Math (2) Biology (P) World History (P)	American Literature (P) Inter Math 3 (P) Chemistry (P) US History (P)	CSU ERWC (P)

(P) Represents college preparatory course / class
**Dual enrollment option with College of the Sequoias Bus 185 Ethics in Business (P)

The business and finance field offers a variety of careers such as accountant, auditor, investment consultant, chief financial officer, financial advisor, loan officer, business operations manager, sales representative, real estate agent, compliance officer, credit counselor, purchasing agent, banker, marketing manager, sales manager, and human resources specialist.

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
Accounting Technician $22.00 - $26.00	Human Resources Analyst $25.00 - $42.00	CEO $53.00 - $129.00

Data represents Tulare, Kings, and Fresno Counties

Graduates of the Business & Finance Academy can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain a certification (C) and/or an Associate of Science (AS) Degree or Bachelor of Science (BS) Degree. Options include:

COS

Business Administration C, AS	Accounting C, AS

FRESNO STATE

Business Administration BS

FIRST RESPONDERS ACADEMY

Academy Coordinator:
Drew Hernandez
dherandez02@vusd.org

Academy Lead Teacher:
William Wilson
wwilson@vusd.org



The First Responders Academy at Golden West High School is designed to provide students with a four-year opportunity to experience public safety careers in firefighting, emergency medical services, and various law enforcement fields. Students will be engaged with relevant real-world work-based learning experiences with community and business partners. The First Responders Academy is aligned with college-preparatory core courses to provide all students with the skills to be college and career-ready upon graduation from high school.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	College & Careers Integrated Core PE 1 Health	Integrated Core PE 2 Criminal Justice 1 & Firefighting Skills	Integrated Core PE 2 Criminal Justice 2 (P) & EMT Skills	Integrated Core PE 2 Criminal Investigation (P)
LINKED CLASSES	English 1 (P)	English 2 (P)	American Literature (P)	CSU ERWC (P)

(P) Represents college preparatory course / class

Careers in the first responder field include police officer, crime scene technician, correctional officer, US marshal, firefighter, county sheriff, highway patrol officer, emergency medical technician, paramedic, park ranger, parole officer, probation officer, and security officer.

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
Police, Fire, Ambulance Dispatchers	Firefighters	Probation Officers & Correctional Treatment Specialists
$24.76 - $31.13	$24.02 - $35.51	$29.14 - $57.36

Data represents Tulare, Kings, and Fresno Counties

Graduates of the First Responders Academy can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain a certification (C) and/or an Associate of Science (AS) Degree or Bachelor of Science (BS) Degree. Options include:

Police Academy C

Fire Technology C, AS Degree

Criminology BS Degree

Academy Coordinator:
Kim Nelson
knelson@vusd.org

Academy Lead Teacher:
Spencer Carr
scarr@vusd.org

MEDIA ARTS ACADEMY

EDHS MINERS



El Diamante High School's Media Arts Academy is a pathway for students to experience high school in a new, different, and innovative form. The Academy will engage students in a wide variety of filmmaking techniques. Students learn pre- and post-film production, graphic design, prop making, storyboard design, costume and make-up design, image creation/manipulation, and performance. Students are supported with resources and instruction in their English and media classes tailored explicitly to grade-level media arts projects.

Upon completing the Media Arts Academy, students will have the opportunity to become certified in Avid software, the industry-standard platform for creating, managing, storing, distributing, and monetizing film, television, and music.

HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	GRADE 9	GRADE 10	GRADE 11	GRADE 12
	Intro to Video (P)	Media Arts 1 (P)	Advanced Film Making (P)**	Advanced Cinema Arts (P)
LINKED CLASSES	English 1/1H (P)	English 2/2H (P)	Advanced Media Broadcasting (P) or Film Studies (P)* American Literature (P)	Media Arts 2 (P) or Film Studies (P)*

(P) Represents college preparatory course / class

*Film Studies can be taken in grade 11 or 12

**Dual enrollment option with Fresno City College - GRC 27 Digital Video Production

Careers in media arts include sound editing and production, lighting production, video production, costume design, photography, set design, stage make-up, prosthetic design, special effects creation, and broadcasting.

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
Merchandise Displayers & Window Trimmers	Audio & Video Equipment Technicians	Producers & Directors
$12.00 - $16.82	$17.63 - $32.84	$19.82 - $62.85

Data represents Tulare, Kings, and Fresno Counties

Graduates of the Media Arts Academy can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain a certification (C) and/or an Associate of Science (AS) Degree and Bachelor of Arts (BA) Degree. Options include:

COS

- Graphic Design — C, AS Degree
- Digital Media & Video* (*Fresno City College) — C, AS Degree

FRESNO STATE

- Art-Graphic Design — BA Degree
- Art-Printmaking/ Photography — BA Degree
- Broadcast Journalism — BA Degree
- Multimedia Production — BA Degree

Academy Coordinator:
Kim Nelson
knelson@vusd.org

Academy Lead Teacher:
Tina Guzman
tguzman@vusd.org

STRONG
(SPORTS THERAPY, REHAB, ORTHOPEDICS, & NEUROMUSCULAR GAINS)
ACADEMY



Students enrolled in El Diamante High School's Sports Therapy, Rehabilitation, Orthopedics, and Neuromuscular Gains (STRONG) Academy will advance their understanding in these various medical and sports science areas including, but not limited to, injury prevention, injury treatment, performance-based body and muscle development, management of illness and injury, as well as the preservation of mental and physical well-being. These areas of study will focus not only on athletics but also on life by studying several medical sciences: Biology, Kinesiology, Chemistry, Anatomy, and Physiology.

As members of the STRONG Academy, students will have the opportunity to take dual enrollment courses at College of the Sequoias and will be CPR certified in grades 10 and 12.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	STRONG 1	Intro to Kinesiology (P)	Anatomy & Physiology (P)	Sports Medicine (P)
LINKED CLASSES	Chemistry (P) English 1/1H (P) Integrate PE 1	English 2/2H (P) Biology (P)	Sports Psychology (P)* American Literature (P) or AP Language (P)	COS Medical Terminology** Sports Psychology (P)*

(P) Represents college preparatory course / class

*Sports Psychology can be taken in grade 11 or 12

**COS Medical Terminology will be offered in an online format.

Careers include athletic trainer, physical therapist, orthopedic surgeon, personal trainer, registered nurse, medical doctor, occupational therapy, and sports psychologist.

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
Personal Care Aides or Medical Secretaries	Licensed Practical & Licensed Vocational Nurses	Medical and Health Services Managers
$13.01 - $19.84	$21.18 - $28.46	$32.60 - $61.03

Data represents Tulare, Kings, and Fresno Counties

Graduates of the STRONG Academy can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain a certification (C) and/or an Associate of Science (AS) Degree or a Bachelor of Science (BS) Degree. Options include:

Registered Nursing AS Degree	Emergency Medical Tech Certification	COS	Physical Therapist Assistant Certification	Sports Medicine AS Degree
Athletic Training BS Degree	Biomedical Physics BS Degree	FRESNO STATE	Health Sciences BS Degree	Kinesiology BS Degree

Academy Coordinator:
Eric Rodriguez
erodriguez09@vusd.org

Academy Lead Teacher:
Ryan Blair
rblair@vusd.org

ACE
(ARCHITECTURE, CONSTRUCTION, & ENGINEERING)
ACADEMY



The ACE (Architecture, Construction, and Engineering) Academy provides students with architecture, construction management, and engineering coursework. This four-year program combines high-level integrated academics, on-site laboratory experiences, workplace partnerships, study programs, and college opportunities. An emphasis is placed on project-based learning, rigor, and relevance to the ACE industry fields. Students will work with industry partners in school-based projects that will help ensure students are college and career-ready.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	Intro to Engineering (P)	Civil Engineering & Architecture (P)	Construction Management (P)	Engineering Design/ Dev (P)
LINKED CLASSES	Int Math 1 or 2/1H (P)	Int Math 2 or 3H(P)	IM3 or Pre Calculus (P)	

(P) Represents college preparatory course / class

Careers in the architecture, construction, and engineering field include civil engineer, architect, construction manager, surveyor, draftsman, project engineer, and structural or soil engineer.

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
Painters, Construction, Maintenance	Heating, Air Conditioning, & Refrigeration Mechanics	Civil Engineers
$14.43 - $25.00	$18.00 - $25.02	$31.03 - $54.67

Data represents Tulare, Kings, and Fresno Counties

ACE Academy graduates can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain a certification (C) and/or an Associate of Science (AS) Degree, a Bachelor of Arts (BA) Degree, or a Bachelor of Science (BS) Degree. Options include:

Architecture C, AS Degree	Engineering AS Degree	COS	Drafting Technology C, AS	Electrician Training C
Civil Engineering BS Degree	Construction Management BS Degree	FRESNO STATE	Interior Design BA Degree	Mechanical Engineering BS Degree

LAW & JUSTICE ACADEMY

Academy Coordinator:
Roy Orosco
rorosco@vusd.org

Academy Lead Teacher:
Salvador Cazarez
scazarez@vusd.org



Redwood High School's Law and Justice Academy seeks to improve students' reading, writing, critical thinking, and speaking skills. This is done through an intensive academic curriculum that uses the law, its origins, purpose, use, and significant historical cases as a framework to develop well-rounded, self-aware, community-conscious, and proactive citizens.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	Foundations of Law (P)	Foundations of Criminal Justice (P)	Constitution Law (P)	Adv Civil Law (P)
LINKED CLASSES	English 1/1H (P)	English 2/2H (P)	American Literature (P) or AP English Lang (P)*	

(P) Represents college preparatory course / class

Careers in the law and justice field include lawyer/attorney, law clerk, judge, court services analyst, court reporter, paralegal, court interpreter, and legal translator.

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
Judicial Law Clerks	Paralegals & Legal Assistants	Lawyers
$16.83 - $20.19	$19.14 - $27.95	$42.50 - $71.10

Data represents Tulare, Kings, and Fresno Counties

Graduates of the Law and Justice Academy can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain an Associate of Science (AS) Degree, Associate of Arts (AA) Degree, or a Bachelor of Arts (BA) Degree. Options include:

	Paralegal AS Degree	COS	Political Science AA Degree	
Africana Studies BA Degree	Chicano Studies BS Degree	FRESNO STATE	Political Science BA Degree	History BA Degree

HEALTH SCIENCE ACADEMY

Academy Coordinator:
Matt Kuhn
mkuhn@vusd.org

Academy Lead Teacher:
Tim Perrotta
tperrotta@vusd.org



The Health Science Academy is affiliated with Linked Learning and Project Lead the Way (PLTW). It offers students interested in a health-related occupation an exciting opportunity to explore their passion beginning in high school. Students in the Health Science Academy will complete a rigorous high school program that will help prepare them for both career and educational opportunities in the healthcare field. Students in the academy complete English, science, and career-themed courses together as a cohort, and these courses include integrated projects that help students come to a thorough understanding of the topics related to health care. Students will have the opportunity to pursue college credit through dual enrollment and health industry certifications.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	Principles of Biomed Science (P)	Anatomy and Physiology (P)	Biotechnology (P) Global Health (P) CNA Program MA Program	Medical Intervention (P) CNA Program MA Program
LINKED CLASSES	English 1/1H (P) Chem In Com (P) or Chemistry (P)*	English 2/2H (P) Biology (P) or Biology H (P)	American Literature (P) or AP English Lang (P)* Chemistry (P) or AP Biology* Medical Terminology**	CSU ERWC or AP Eng Lit (P) Medical Terminology**

(P) Represents college preparatory course / class

*Optional **Medical Terminology will support COS Medical Terminology offered in an online format.

Careers in the health science field include anesthesiologist, biomedical engineer, chiropractor, dental assistant,

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
Pharmacy Technicians	Licensed Practical and Licensed Vocational Nurses	Registered Nurses
$14.61 - $21.46	$21.18 - $28.46	$34.63 - $52.02

Data represents Tulare, Kings, and Fresno Counties

Graduates of the Health Science Academy can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain a certification (C) and/or an Associate of Science (AS) Degree or a Bachelor of Science (BS) Degree. Options include:

Registered Nursing AS Degree	Emergency Medical Tech Certification	COS	Physical Therapist Assistant Certification	Pharmacy Technician Certification
Athletic Training BS Degree	Biomedical Physics BS Degree	FRESNO STATE	Health Sciences BS Degree	Kinesiology BS Degree

COMPUTER SCIENCE ACADEMY

Academy Coordinator:
Paul Preheim
ppreheim@vusd.org

Academy Lead Teacher:
James McKernan
jmckernan@vusd.org



The Computer Science Academy provides the opportunity for students to learn how to create new technologies and not simply use them. The Academy focuses on software design and development, making sense of code, learning different programming languages, and information technology (IT). The Academy also develops computational and critical thinking skills necessary for life after high school, regardless of the student's chosen field or occupation. Students graduating from the Computer Science Academy will be prepared to take the next step to a career in technology.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HIGH SCHOOL CAREER THEMED SEQUENCE OF COURSES	Exploring Computer Science (P)	Web Design (P)	Unity Game Development and/or IT & Comp R (P)	Intermediate Unity Game Development + VR and/or Networking/Robotics
LINKED CLASSES	Integrated Math 1 or 2 (P) English 1/1H (P)	Integrated Math 2 or 3 (P) English 2/2H (P)	Integrated Math 3 or 4 (P) American Literature or AP Language (P)	ERWC or AP Lit (P)

(P) Represents college preparatory course / class

*Students are encouraged to take ICT 201, 210,211,212 concurrently at COS

Careers in the computer science field include computer software engineer, software developer, database administrator, project manager, computer systems analyst, information security analyst, computer and information systems manager, and computer network architect.

EXAMPLE OCCUPATIONS AND SALARY RANGE PER HOUR

High School Diploma or Less	Some College or Training	Bachelor's Degree +
IT Level 1 Technician	Computer Systems Analyst	Software Engineer
$20.00 - $35.00	$30.00 - $50.00	$40.00 - $70.00

Data represents Tulare, Kings, and Fresno Counties

Computer Science Academy graduates can continue their career path exploration by taking post-secondary (college) programs/courses at College of the Sequoias and/or California State University, Fresno, and stay within the region. Students can obtain a certification (C) and/or an Associate of Science (AS) Degree or a Bachelor of Science (BS) Degree. Options include:

- Info Communication Technology C, AS
- Computer Science AS
- Computer Engineering BS
- Computer Science BS

WHAT IS A CAREER TECHNICAL EDUCATION (CTE) PATHWAY?

A CTE pathway is a sequence of two or more career-themed courses within one of fourteen industry sectors. The CTE pathway courses are built upon each other and are taken in sequence. "Shop class" or "vocational education" of the past may come to mind when thinking of CTE pathways. This is not an accurate view of modern CTE pathways. CTE pathways are standards-aligned courses that focus on learning and applying rigorous and relevant academic skills, employability skills, and technical skills. If the goal is to pursue an interest in agriculture, engineering, medical fields, technology, business, etc., there is a pathway for you.

Through CTE pathways, students acquire the skills necessary to enter well-paid careers and/or post-secondary college/university programs. CTE increases students' levels of responsibility and enables them to obtain a higher degree of personal satisfaction. CTE pathways also provide purpose to their high school program and their post-high school professional lives.

Many CTE pathways also provide work-based learning (WBL) opportunities (guest speakers, industry tours, job shadows, and internships) in addition to industry-based certification opportunities or even college credit. In addition, CTE pathways provide opportunities for leadership development and competitions through participation in student organizations aligned to the CTE pathway's industry sector.

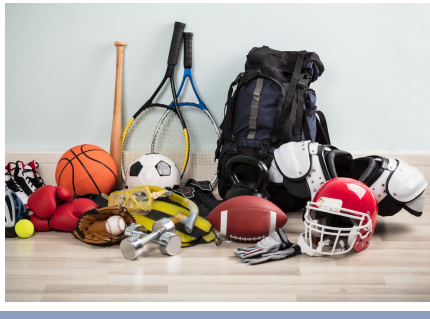


HOW DO I GET INVOLVED IN A CTE PATHWAY?

VUSD's comprehensive high schools offer specific CTE pathways unique to each high school. Upon registration for courses, utilize this booklet and discuss the different CTE pathway options available with a school counselor.

CAN A STUDENT PLAY SPORTS, BE INVOLVED IN OTHER PROGRAMS AND STILL BE IN A CTE PATHWAY?

Yes! Students can be involved in multiple curriculum, co-curricular, and extra-curricular programs. Students should work with a counselor to determine the best course selection plan to participate in chosen programs.





HOW ARE CTE PATHWAYS DIFFERENT FROM LINKED LEARNING ACADEMIES?

Linked Learning academies are a four-year commitment with an "open enrollment" option for incoming grade 9 students to attend any specific academy program at any of the four comprehensive high schools. In contrast, CTE pathways are unique to each high school site and only available to students attending that specific high school.

VUSD CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

Agriculture & Natural Resources Industry Sector

Building Trades & Construction Industry Sector

Transportation Industry Sector

Arts, Media, & Entertainment Industry Sector

Hospitality, Tourism, & Recreation Industry Sector

Finance & Business Industry Sector

Education, Child Development, and Family Services Industry Sector

Manufacturing and Product Development Industry Sector

OTHER CTE OR CAREER ORIENTED PROGRAMS OFFERED

Certified Nurse Assistant and Medical Assistant Certification Program (District program housed at Mt. Whitney)

CA National Guard's California Cadet Corps

VUSD CHARTER SCHOOLS

Visalia Technical Early College (VTEC) High School

Visalia Charter Independent Study (VCIS)

AGRICULTURE & NATURAL RESOURCES INDUSTRY SECTOR

Agriculture is one of California's most significant and most vital industries. Approximately 10% of California workers are engaged in agriculture and related occupations. With the demand being high for agricultural specialists throughout the state in urban and rural areas, there are currently more job openings than qualified applicants. Within the Agriculture and Natural Resources Industry Sector, workers in some of the fastest-growing and/or highest-wage occupations in California include agricultural marketing and sales personnel, agricultural engineers, laboratory and research technicians, animal reproduction specialists, environmental scientists, landscape and turf managers, and pest management specialists.

Students in the Agriculture and Natural Resources industry sector are engaged in an instructional program that integrates academic and technical preparation focusing on career awareness, career exploration, and skill preparation. The District's Agricultural pathways are offered at El Diamante High School, Golden West High School, Mt. Whitney High School, and Redwood High School. The pathways emphasize real-world, occupationally relevant experiences of significant scope and depth in Agricultural Business, Agricultural Mechanics, Agriscience, Animal Science, Ornamental Horticulture, Agricultural Manufacturing, Agricultural Technology, Agricultural Construction, and Agricultural Engine Power. Integral components of classroom and laboratory instruction, supervised agricultural experience projects, and leadership and interpersonal skill development prepare students for continued training, advanced educational opportunities, and entry into a career.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- NURSERY WORKER
- FORESTRY AIDE
- CROP INSPECTOR
- PARK AIDE
- GARDENER/GROUNDSKEEPER
- FEEDER
- AG EQUIPMENT OPERATOR
- AG BUSINESS CLERK
- FARMWORKERS/LABORERS

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- LAND USE PLANNING TECHNICIAN
- FIELD REPRESENTATIVE TECHNICIAN
- ANIMAL HEALTH TECHNICIAN
- GREENHOUSE GROWER/MANAGER
- FARM EQUIPMENT MECHANIC
- LANDSCAPE DESIGNER
- FORESTRY TECHNICIAN
- ARTIFICIAL INSEMINATOR
- AG SALES AND SERVICE TECHNICIAN
- AG EQUIPMENT SERVICE

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- SOIL/WATER MANAGER
- AGRONOMIST
- COUNTRY PLANNER/LANDSCAPE
- ANIMAL NUTRITIONIST
- INTERNATIONAL AG PEST CONTROL ADVISOR
- VETERINARIAN
- PLANT/ANIMAL GENETICIST
- FORESTER
- RANGER
- AG TEACHER

AGRICULTURE & NATURAL RESOURCES INDUSTRY SECTOR

EDHS MINERS

TEACHER: Zach Brown

AGRICULTURAL MECHANICS PATHWAY

COURSE SEQUENCE

AG MECHANICS 1 (P), AG MECHANICS 2 (P), AG MECHANICS 3 (P), AG MECHANICS 4 (P)

TEACHER: Aimee Veldhuizen

ORNAMENTAL HORTICULTURE PATHWAY

COURSE SEQUENCE

INTRO TO ANIMAL AND PLANT PHYS (P), AG BIOLOGY (P), PLANT AND SOIL SCIENCE (P), FLORAL DESIGN (P)

TEACHER: Craig Monteiro

AGRI-TECHNOLOGY PATHWAY

COURSE SEQUENCE

AG MECHANICS 1 (P), AGRI-TECH 2 (P), AGRI-TECH 3 (P), AGRI-TECH 4 (P),

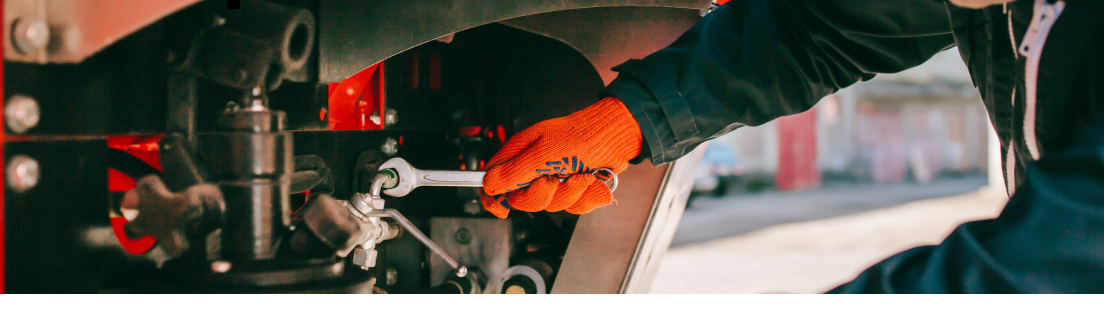
TEACHER: LaKeishia Martin

AGRICULTURE BUSINESS PATHWAY

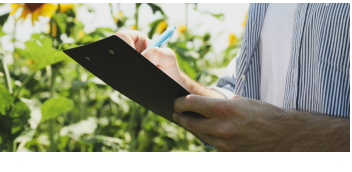
COURSE SEQUENCE

AGRICULTURE BUSINESS 1(P), AGRICULTURE BUSINESS 2 (P), AGRICULTURE BUSINESS 3 (P)

*AG BIOLOGY ALSO OFFERED IN GRADE 10









AGRICULTURE & NATURAL RESOURCES INDUSTRY SECTOR

TEACHER: Emmett Schultz

AGRICULTURAL MECHANICS PATHWAY

COURSE SEQUENCE	AG MECHANICS AND MANUFACTURING (P), AG MECHANICS 2 (P), AG MECHANICS 3 (P), AG MECHANICS 4 (P)

TEACHER: Francisco Escamilla

ORNAMENTAL HORTICULTURE PATHWAY

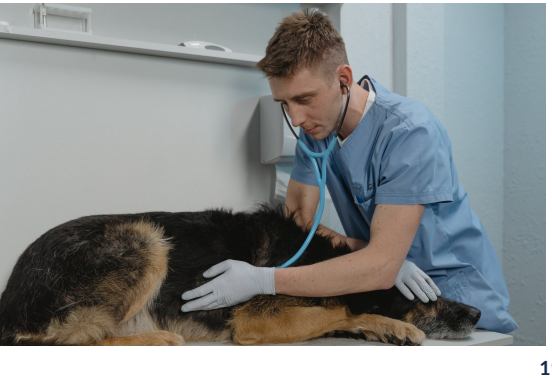
COURSE SEQUENCE	AG SCIENCE 1 (P), AG BIOLOGY (P), INTRO TO ENVIRONMENTAL HORTICULTURE (P), ADVANCE ENVIRONMENTAL HORTICULTURE (P)

TEACHER: Jessica Theisman

ANIMAL SCIENCE PATHWAY

COURSE SEQUENCE	AG SCIENCE 1 (P), AG BIOLOGY (P), ANIMAL SCIENCE (P), VET SCIENCE (P)







AGRICULTURE & NATURAL RESOURCES INDUSTRY SECTOR

AGRICULTURAL MECHANICS PATHWAY

TEACHER: Tule Cardoza

COURSE SEQUENCE

AG MECHANICS 1(P), AG MECHANICS 2 (P), AG MECHANICS 3 (P), AG MECHANICS 4 (P)

AGRICULTURAL CONSTRUCTION PATHWAY

TEACHER: Don Patrick

COURSE SEQUENCE

AG CONSTRUCTION 1, AG CONSTRUCTION 2, AG CONSTRUCTION 3, AG CONSTRUCTION 4

AGRICULTURAL ENGINE POWER PATHWAY

TEACHER: Carlos Reis

COURSE SEQUENCE

ENGINE/POWER MECH & TECH 1, ENGINE/POWER MECH & TECH 2, ENGINE/POWER MECH & TECH 3, ENGINE/POWER MECH & TECH 4

AGRISCIENCE PATHWAY

TEACHER: Koren Brown

COURSE SEQUENCE

AG SCIENCE 1 (P), INTGR AG BIOLOGY (P), ADV ANIMAL AND PLANT PHYSIOLOGY (P), ADV LEADERSHIP IN AGRISCIENCE (P)

AGRICULTURAL MECHANICS PATHWAY

TEACHER: John Coon

COURSE SEQUENCE

AG MECHANICS 1 (P)
AG MECHANICS 2 (P)
AG MECHANICS 3 (P)
AG MECHANICS 4 (P)

HOSPITALITY, TOURISM, & RECREATION INDUSTRY SECTOR

The Hospitality, Tourism, and Recreation industry sector is available at El Diamante, Mt. Whitney, and Redwood High Schools.

This sector encompasses three distinct yet related career pathways: Food Science, Dietetics, and Nutrition; Food Service and Hospitality; and Hospitality, Tourism, and Recreation. Each pathway includes a coherent sequence of courses, starting with a foundation course that leads to one or more concentration courses and a capstone course. The concentration courses focus on technical preparation, including career awareness and exploration, based on the industry-approved curriculum. The necessary knowledge and skills are acquired within a sequential, standards-based program that encompasses hands-on, project-based, and work-based instruction as well as leadership development, internship, mentoring, work experience, job shadowing, and cooperative career technical education.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- YOUTH RECREATION LEADER
- HOTEL GUEST SERVICES
- FOOD PREPARATION WORKER
- QUALITY CONTROL TECHNICIAN
- LINE COOK
- RECREATION LEADER

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- FOOD INSPECTOR
- DIETETIC TECHNICIAN
- FOOD PRODUCTION CHEMIST
- FOOD AND BEVERAGE DIRECTOR
- FOOD SERVICE MANAGER
- SOCIAL DIRECTOR
- TOUR GUIDE/MANAGER
- HOTEL CONCIERGE
- CONVENTION PLANNER
- CHEF/COOK/BAKER

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- REGISTERED DIETITIAN
- FOOD TECHNOLOGIST
- FOOD PRODUCT DEVELOPER
- SOUS/EXECUTIVE CHEF
- FOOD AND BEVERAGE ANALYST
- FOOD SERVICE DIRECTOR
- VISITOR AND CONVENTION BUREAU DIRECTOR
- MUSEUM DIRECTOR/CURATOR
- TRAVEL COMPANY MANAGER
- THEME PARK DIRECTOR

HOSPITALITY, TOURISM, & RECREATION INDUSTRY SECTOR

TEACHER: Holly Bethel

FOOD SERVICE AND HOSPITALITY PATHWAY

COURSE SEQUENCE

RETAIL FOOD SERVICE AND PRODUCTION 1
RETAIL FOOD SERVICE AND PRODUCTION 2
RETAIL FOOD SERVICE AND PRODUCTION 3

TEACHER: Lisa Bacci

FOOD SERVICE AND HOSPITALITY PATHWAY

COURSE SEQUENCE

FOOD AND NUTRITION
CULINARY ARTS 1
CULINARY ARTS 2

TEACHER: Diana Garcia

FOOD SERVICE AND HOSPITALITY PATHWAY

COURSE SEQUENCE

FOOD AND NUTRITION
FOOD SERVICES AND HOSPITALITY





TRANSPORTATION INDUSTRY SECTOR

As the Transportation industry sector continues to expand significantly, it provides employment opportunities for many transportation-related occupations. It also adapts to changing technology and repair techniques as vehicle components and systems become increasingly sophisticated.

The Transportation industry sector features three career pathways that provide entry-level jobs requiring high school diplomas to progressive careers requiring advanced degrees. These pathways emphasize real-world, occupationally relevant experiences in Aviation and Aerospace Transportation Services, which includes maintaining aircraft, operating airports, and designing and flying various types of aircraft; Collision Repair and Refinishing, which includes painting, repairing, and refinishing vehicles; and Vehicle Maintenance, Service, and Repair, which provides for maintaining, servicing, and repairing light, medium, and heavy-duty vehicles.

The District provides a Transportation Pathway (Automotive) offered at El Diamante High School, Golden West High School, and Redwood High School. Courses provided in this pathway include Intro to Auto Technology, Advance Auto Mechanic, and Auto Diagnostics.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- MECHANIC'S ASSISTANT
- LUBE TECHNICIAN
- PARTS AND SALES COUNTER CLERK
- AUTOMOTIVE BODY AND PAINT REPAIRER
- AIRCRAFT DETAILER
- TIRE REPAIRS AND CHANGERS
- SERVICE STATION ATTENDANTS
- BUS DRIVER
- FLIGHT ATTENDANT
- GROUND SUPPORT CREW

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- BUS AND TRUCK MECHANICS
- AUTOMOTIVE MASTER MECHANIC
- DIESEL ENGINE SPECIALIST
- MOTORCYCLE MECHANICS
- AIR-FRAME AND POWER PLANT TECHNICIAN
- AUTO GLASS INSTALLER
- SERVICE WRITER
- LICENSED SMOG TECHNICIAN
- AVIONICS TECHNICIANS
- AIR TRAFFIC CONTROLLERS

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- FLIGHT ENGINEER
- FLEET MANAGER
- PARTS AND SERVICE MANAGER
- INSURANCE CLAIMS ADJUSTER
- SHOP MANAGER
- AUTOMOTIVE CORP. SERVICE REPRESENTATIVE

TRANSPORTATION INDUSTRY SECTOR

TEACHER: Fernando Perez

AUTOMOTIVE PATHWAY

COURSE SEQUENCE

INTRO TO AUTO TECHNOLOGY
AUTO DIAGNOSTICS
ADVANCE AUTO MECHANIC

TEACHER: Sergio Ledesma

AUTOMOTIVE PATHWAY

COURSE SEQUENCE

INTRO TO AUTO TECHNOLOGY
ADVANCE AUTO MECHANIC

TEACHER: Ken Cox

AUTOMOTIVE PATHWAY

COURSE SEQUENCE

INTRO TO AUTO TECHNOLOGY
AUTO DIAGNOSTICS
ADVANCE AUTO MECHANIC



ARTS, MEDIA, & ENTERTAINMENT INDUSTRY SECTOR

The Arts, Media, and Entertainment industry sector is relevant statewide, with most major employers concentrated in the southern part of the state. This sector offers jobs that require a vast range of creative, technical knowledge and skills.

For this industry sector, Visalia Unified School District offers a Film/Video Production Pathway at Golden West High School, Mt. Whitney High School, and Redwood High School. Courses provided include Intro to Video, Advance Filmmaking, Advance Media Broadcasting, Photography, and Graphic Arts.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- VISUAL ARTIST
- PHOTOGRAPHER'S ASSISTANT
- LIGHTING TECHNICIAN
- ELECTRONIC EQUIPMENT OPERATOR
- CAMERA TECHNICIAN
- BROADCAST TECHNICIAN

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- STAGE MANAGER
- RECORDING STUDIO ASSISTANT
- SPECIAL EFFECTS COORDINATOR
- WEB DESIGNER
- PROP MAKER
- PHOTOGRAPHER
- GRAPHIC DESIGNER/ARTIST
- FILM MAKER
- CAMERA OPERATOR
- SCREEN WRITER
- PHOTOJOURNALIST
- RADIO/TV BROADCASTER

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- SET DESIGNER
- CHOREOGRAPHER
- INDUSTRIAL DESIGNER
- FOREIGN LANGUAGE INTERPRETER
- PUBLISHER
- TECHNICAL WRITER
- SOUND ENGINEER
- MEDIA AND DESIGN ARTS INSTRUCTOR
- MUSIC ACCOMPANIST
- PRODUCER
- SOUND DESIGN EDITOR
- VISUAL EFFECTS COORDINATOR

ARTS, MEDIA, & ENTERTAINMENT INDUSTRY SECTOR

FILM / VIDEO PRODUCTION PATHWAY

TEACHER: Fernando Jacuinde Jr.

COURSE SEQUENCE

INTRO TO VIDEO (P)
ADV FILMMAKING (P)
ADV MEDIA BROADCASTING (P)

FILM / VIDEO PRODUCTION PATHWAY

TEACHER: Katie Perez

COURSE SEQUENCE

INTRO TO VIDEO (P)
ADV FILMMAKING (P)

FILM / VIDEO PRODUCTION PATHWAY

TEACHER: Patrick Hemphill

COURSE SEQUENCE

PHOTOGRAPHY CTE (P)
GRAPHIC ARTS (P)

FILM / VIDEO PRODUCTION PATHWAY

TEACHER: William Henshaw

COURSE SEQUENCE

INTRO TO VIDEO (P)
ADV FILMMAKING (P)
ADV MEDIA BROADCASTING (P)

BUILDING TRADES & CONSTRUCTION INDUSTRY SECTOR

In the Building Trades and Construction industry sector, the District has a Building & Construction Trades Pathway available at Golden West High School and Redwood High School. Activities in this pathway range from general or exploratory skills to job-specific skills that prepare students to select and pursue career paths through post-secondary education and training, work experience education, and apprenticeships.

Courses provided within this pathway include Intro to Wood Building Trades, Wood Production and Construction 1, and Wood Production and Construction 2. These courses offer VUSD students the ability to incorporate and apply academic core content to career-related education, providing strong foundation skills and advanced skills in the career field of their choice within this industry sector. Careers within this sector include carpenter, maintenance technician, construction manager, contractor, architect, and much more.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- CARPENTER APPRENTICE
- CABINET MAKING APPRENTICE
- MACHINE OPERATOR
- DRAFTSMAN
- ELECTRICAL REPAIR PERSON
- ELECTRONIC EQUIPMENT INSTALLER
- MAINTENANCE TECHNICIAN
- LABORER

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- ELECTRONIC TECHNICIAN
- MAINTENANCE SUPERVISOR
- HEATING/VENTILATION/AC (HVAC) TECHNICIAN
- ENVIRONMENTAL MATERIALS TECHNICIAN
- ELECTRICIAN
- CONSTRUCTION SUPERVISOR
- CAD TECHNICIAN
- BUILDING CONSTRUCTOR
- CABINETMAKING JOURNEYMAN
- PLUMBER
- CONTRACTOR
- IRON WORKER

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- QUALITY CONTROL MANAGER
- ENVIRONMENTAL AND SAFETY MANAGER
- PRODUCT DESIGNER
- MANUFACTURING ENGINEER
- CONSTRUCTION MANAGER
- BUILDING INSTRUCTOR
- ARCHITECT
- ENGINEER
- DESIGNER
- CONSTRUCTION MANAGER

BUILDING TRADES & CONSTRUCTION INDUSTRY SECTOR

BUILDING AND CONSTRUCTION TRADES PATHWAY

TEACHER: Andrew Villalobos

COURSE SEQUENCE

INTRO TO WOOD BUILDING TRADES

BUILDING AND CONSTRUCTION TRADES PATHWAY

TEACHER: Jeffrey Eastman

COURSE SEQUENCE

WOOD PRODUCTION & CONSTRUCTION 1
WOOD PRODUCTION & CONSTRUCTION 2







FINANCE & BUSINESS INDUSTRY SECTOR

The Finance and Business industry sector employs more than six million people in related occupations. In all areas of this sector, advances in technology and trends toward direct marketing provide for many fast-growing career opportunities.

This industry sector includes three pathways: Accounting Services, which provides instruction in developing and utilizing general accounting systems; Banking and Related Services, which focuses on the fundamentals of lending and banking regulations; and Business Financial Management which helps develop skills in investment analysis and guidance. Students interested in pursuing one or more of these pathways will develop knowledge and skills in mathematics, communications, and technology.

For students not enrolled in the District's Academy of Business & Finance, a Business Management Pathway is provided at Redwood High School. The course sequence includes Foundations of Business and Empowering Entrepreneurs.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- ACCOUNT CLERK
- AUDIT CLERK
- BOOKKEEPER
- PAYROLL CLERK
- BANK TELLER
- NEW ACCOUNT CLERK
- CLAIMS CLERK
- INSURANCE APPRAISER
- RECORDS PROCESSOR
- BROKERAGE CLERK

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- ACCOUNT SPECIALIST
- COST ESTIMATOR
- TAX PREPARER
- ASSOCIATE ACCOUNTANT
- ADMINSTRATIVE ASSISTANT
- OFFICE MANAGER
- LOAN SPECIALIST
- CREDIT ANALYST
- TAX EXAMINER
- INSURANCE CLAIMS AGENT

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- BANK OFFICER
- STOCK BROKER
- REAL ESTATE BROKER
- CONSULTANT
- BUSINESS TEACHER
- ACCOUNTANT
- AUDITOR
- BUDGET ANALYST
- ESCROW OFFICER
- FINANCIAL PLANNER

FINANCE & BUSINESS INDUSTRY SECTOR

TEACHER: Jacob Avila

BUSINESS MANAGEMENT PATHWAY

COURSE SEQUENCE

FOUNDATIONS OF BUSINESS
EMPOWERING ENTREPRENEURS (P)



EDUCATION, CHILD DEVELOPMENT, & FAMILY SERVICES INDUSTRY SECTOR

The Education, Child Development, and Family Services industry sector includes four interrelated pathways: Child Development, Consumer Services, Education, and Family & Human Services. Each pathway in this industry sector consists of at least two courses, beginning with a foundation class that leads to one or more concentration classes and concluding with at least one capstone course. Currently, the District offers a Child Development Pathway at Redwood High school with courses that focus on Life Management and Human Development.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- CHILD CARE PROVIDER
- PRESCHOOL AIDE
- AFTER SCHOOL PROGRAM AIDE
- CONSUMER COMPLAINT CLERK
- CUSTOMER SERVICE REPRESENTATIVE
- PRODUCT DEMONSTRATOR

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- PRESCHOOL TEACHER
- TEACHER ASSISTANT
- HEAD START TEACHER
- SPECIAL EDUCATION AIDE
- PARENT EDUCATOR
- CONSUMER CREDIT MANAGER
- PROPERTY MANAGER
- INSURANCE REPRESENTATIVE

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- K-12 SCHOOL TEACHERS
- LIBRARIAN
- CHILD PROTECTION SOCIAL WORKER
- PRESCHOOL DIRECTOR
- SCHOOL OR ADOPTION COUNSELOR
- CHILD PSYCHOLOGIST
- CERTIFIED FINANCIAL PLANNER
- SPEECH LANGUAGE THERAPIST

TEACHER: Pamela Buldo

CHILD DEVELOPMENT PATHWAY

COURSE SEQUENCE

LIFE MANAGEMENT
HUMAN DEVELOPMENT

MANUFACTURING & PRODUCT DEVELOPMENT INDUSTRY SECTOR

The Manufacturing and Product Development industry sector is an essential part of California's economy, producing a wide range of products, including metal products, computers, communications equipment, space products, etc. This industry sector also provides manufacturing processes and system foundations for all industrial and technology students in California.

Courses provided for this industry sector are available at Redwood High School and consist of Metal Manufacturing Technology 1 and Metal Manufacturing Technology 2.

ENTRY LEVEL CAREERS (WITH HIGH SCHOOL DIPLOMA) INCLUDE:

- MACHINE OPERATOR
- INSTALLATION APPRENTICE
- BINDERY WORKERS
- WELDER
- FURNITURE FINISHERS
- UPHOLSTERERS

TECHNICAL LEVEL CAREERS (WITH AA OR AS DEGREE OR CERTIFICATE) INCLUDE:

- PRODUCTION MANAGER
- MACHINE TECHNICIAN
- TOOLING JOURNEYMAN
- INDUSTRIAL ELECTRICIAN
- POWER PLANT OPERATORS
- PATTERN MAKER

PROFESSIONAL LEVEL CAREERS (WITH BA OR BS DEGREE +) INCLUDE:

- PRODUCTION DEVELOPER
- INDUSTRIAL TECHNOLOGY INSTRUCTOR
- DESIGN ENGINEER
- MECHANICAL ENGINEER
- QUALITY CONTROL INSPECTOR

TEACHER: Robert Rooney

BUILDING AND CONSTRUCTION TRADES PATHWAY

COURSE SEQUENCE

METAL MANUFACTURING TECHNOLOGY 1
METAL MANUFACTURING TECHNOLOGY 2

CERTIFIED NURSE ASSISTANT AND MEDICAL ASSISTANT CERTIFICATION PROGRAM

Housed at Mt. Whitney High School, but open to all VUSD high school students, grades 11-12, the Certified Nurse Assistant (CNA) program meets all California Department of Public Health requirements. Students receive theory, skills lab practice, and actual clinical experience at a local nursing home. Program graduates can take the state exam for certification as a CNA. Once certified, students can work as a CNA. This is an excellent step towards entry into higher-level nurse training programs such as LVN and RN.

In addition, the District also offers a Medical Assistant program that provides training and clinical experiences in administrative and clinical work at local health clinics. Training complies with the Medical Board of California's requirements for MA training. Program graduates can take the certifying exam offered by the California Certifying Board of Medical Assistants to gain employment as a Medical Assistant.

If you are interested in either of these programs, please contact your school counselor.

CTE PROGRAM SPECIALIST CNA/MA : Kathy Brophy, RN





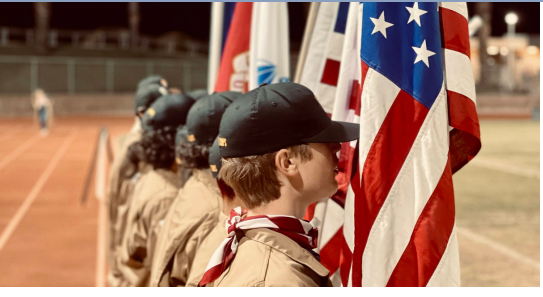


CA NATIONAL GUARD'S CALIFORNIA CADET CORPS

Housed at Mt. Whitney High School, but open to all incoming freshmen who apply via the same process as the Linked Learning Academies, the California National Guard's Cadet Corps pathway is another career-oriented program offered to students of Visalia Unified School District. The pathway focuses on four core areas: military subjects, citizenship, leadership, and wellness. The goal of the pathway is to support students interested in the Armed Services as a career.

The California Cadet Corps curriculum is infused with reading, writing, mathematics, fitness/wellness activities, and various career and college preparation components, including training, competitions, and events.

CA CADET CORPS TEACHER: Fernando Cervantes











VISALIA CHARTER INDEPENDENT STUDY

Visalia Charter Independent Study (VCIS) is a charter school focused on meeting the needs of students in grades 9-12 who desire a flexible approach to education. VCIS incorporates individual yet structured and blended learning strategies to meet the needs of each student.

All students receive a customized schedule based on individual needs. Students are assigned a credentialed teacher weekly to oversee their educational progress. Students take classes on-site (once a week) with credentialed teachers. Students also may work independently and work at their own pace.

As the only independent study program in Visalia Unified, VCIS has the added benefit of support and expertise from a large district. This allows students an easy transition to and from VCIS programs and a viable academic program. VCIS offers a full spectrum of independent study courses, plus a comprehensive online curriculum.

VCIS also offers a wide variety of career pathways that are not only stimulating and challenging but fun! Career pathways include culinary arts, performing arts, production and managerial arts, and health sciences.

PRINCIPAL: Michele Reid, 559.735.8055







FOOD SERVICE & HOSPITALITY

TEACHER: TBD

COURSE SEQUENCE

- BASIC CULINARY ARTS
- INTERMEDIATE CULINARY ARTS
- ADVANCED CULINARY ARTS
- FOOD SERVICE

CERTIFIED NURSING ASSISTANT (CNA) CERTIFICATION PROGRAM

TEACHER: Beth Aiello

COURSE SEQUENCE

- MEDICAL TERMINOLOGY*
- MEDICAL MATH*
- NURSE ASSIST COHORT (S1)
- NURSE ASSIST COHORT (S2)

*COURSES THAT MAY BE TAKEN CONCURRENTLY WITH ENROLLMENT IN A CONCENTRATOR/CAPSTONE COURSE

MEDICAL ASSISTANT (MA) CERTIFICATION PROGRAM

TEACHER: Colleen Tunnell

COURSE SEQUENCE

- MEDICAL TERMINOLOGY*
- MEDICAL BILLING & CODING*
- MEDICAL MATH*
- MEDICAL ASSIST COHORT (S1)
- MEDICAL ASSIST COHORT (S2)

*COURSES THAT MAY BE TAKEN CONCURRENTLY WITH ENROLLMENT IN A CONCENTRATOR/CAPSTONE COURSE

PHARMACY TECHNICIAN CERTIFICATION PROGRAM

TEACHER: Beth Aiello

COURSE SEQUENCE

- MEDICAL TERMINOLOGY*
- MEDICAL MATH*
- PHARMACY TECHNICIAN A OL (P) (S1)
- PHARMACY TECHNICIAN B OL (P) (S2)

*COURSES THAT MAY BE TAKEN CONCURRENTLY WITH ENROLLMENT IN A CONCENTRATOR/CAPSTONE COURSE

DANCE/CHOREOGRAPHY

TEACHER: Holly Gabel

COURSE SEQUENCE

- DANCE & CHOREOGRAPHY 1A/B (P)
- DANCE & CHOREOGRAPHY 2A/B (P)
- DANCE & CHOREOGRAPHY 3A/B (P)*
- PROFESSIONAL DANCE DEVELOPMENT A/B(P)*

*STUDENTS ONY NEED TO COMPLETE ONE CAPSTONE OPTION

PROFESSIONAL MUSIC - VOCAL

TEACHER: TBD

COURSE SEQUENCE

- CHORAL PERFORMANCE A/B(P) *
- VOCAL PERFORMANCE A/B (P)

*COURSES THAT MAY BE TAKEN CONCURRENTLY WITH ENROLLMENT IN A CONCENTRATOR/CAPSTONE COURSE

PROFESSIONAL MUSIC - GUITAR

TEACHER: Timothy Avila

COURSE SEQUENCE

- GUITAR EXPLORATIONS A/B(P)
- GUITAR PERFORMANCE A/B (P)*
- CONTEMPORARY MUSIC PERFORMANCE A/B (P)*

*STUDENTS ONY NEED TO COMPLETE ONE CAPSTONE OPTION

PROFESSIONAL THEATER

TEACHER: Ryan McMahon

COURSE SEQUENCE

- ACTING TECHNIQUE A/B(P)
- ADVANCED ACTING TECHNIQUE A/B (P)

STAGE TECHNOLOGY

TEACHER: Ryan McMahon

COURSE SEQUENCE

- STAGE DESIGN AND TECHNOLOGY A/B (P)*
- PRODUCTION AND THEATER TECH A/B (P)

*COURSES THAT MAY BE TAKEN CONCURRENTLY WITH ENROLLMENT IN A CONCENTRATOR/CAPSTONE COURSE

VISALIA TECHNICAL EARLY COLLEGE HIGH SCHOOL

PRINCIPAL: Bill Davis, 559.622.3212

At Visalia Technical Early College (VTEC) High School, students will have the opportunity to learn applied agricultural science, animal science, crop science, and ag systems technology and participate in a core pathway in ag business. All students will have the opportunity to enroll at the College of the Sequoias (COS) during their freshman year. Students can take academic and career preparation courses depending on their future goals.

At VTEC, students enroll in a course of study that includes academics and hands-on learning. VTEC students utilize the 35-acre school farm and participate in various student and school projects. These projects include livestock, agricultural mechanics, crop production, and agricultural sales and service. VTEC works closely with local industry professionals to ensure the program is relevant to the Tulare County ag industry. Additionally, all VTEC students participate in AVID (Advancement Via Individual Determination), which provides them the opportunity to gain the academic and career-ready skills and support available through the AVID program.

ANIMAL SCIENCE

TEACHER: Jeremy Cates

COURSE SEQUENCE

- INTRODUCTION TO AG INDUSTRY
- ANIMAL SCIENCE (P)
- LIVESTOCK PRODUCTION (P)
- VET SCIENCE(P)

AG BUSINESS

TEACHER: Shea Van Auken

COURSE SEQUENCE

- INTRODUCTION TO AG INDUSTRY
- AG BIOLOGY (P)
- AG COMPUTERS
- AG BUSINESS & AGRICULTURAL ISSUES (P)

PLANT AND SOIL SCIENCE

TEACHER: Amanda Boyer

COURSE SEQUENCE

- INTRODUCTION TO AG INDUSTRY
- INTRO TO PLANT SCIENCE (P)
- PLANT AND SOIL (P)
- ADV. ENVIRONMENTAL HORTICULTURE (P) OR FARM & RANCH MANAGEMENT

AGRICULTURE MECHANICS

TEACHER: Travis Wyrick

COURSE SEQUENCE

- INTRODUCTION TO AG INDUSTRY
- AG SYSTEMS 1
- AG SYSTEMS 2
- AG SYSTEMS 3

VISALIA UNIFIED SCHOOL DISTRICT

College & Career Readiness

DISCLAIMER

Every effort was made to ensure accuracy in this booklet when printing (December 2021) regarding Visalia Unified School District's Linked Learning academies and Career Technical Education pathways. Due to continued evaluation, refinement, improvement efforts, funding availability, and available teaching staff, the information provided in this booklet and the availability of specific programs are subject to change. Please contact the school of the specific program for the most updated information.

Visalia Unified School District does not discriminate against students based on ethnicity, national origin, gender, sexual orientation, disability, religion, or political beliefs.

Editor/Designer

Carina Mello
Work-Based Learning Coordinator


SABAN BUILDING
ACADEMY MUSEUM OF MOTION PICTURES






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4930 West Kaweah Court, Suite 102
Visalia, CA 93277
559.730.7510

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