



## CTE Course Information

# CAREER AND TECHNICAL EDUCATION (CTE)

Career and Technical Education (CTE) courses are synonymous with Regional Occupational Program (ROP) courses and, depending on the student's high school, either CTE or ROP courses are available to them. CTE courses provide students with the fundamental knowledge and skills that they need to prepare for transition to higher education, career training, or the workforce.

The CTE course standards include specific career ready outcomes:

- apply technical skills and academic knowledge;
- communicate clearly, effectively, and with reason;
- utilize critical thinking to make sense of problems and persevere in solving them;
- act as a responsible citizen in the workplace and in the community;
- model integrity, ethical leadership and effective management;
- work productively in teams
- demonstrate creativity and innovation
- understand the environment, social, and economic impacts of decisions

Check out our CTE courses in action <https://reachhighershasta.com/college-career-readiness-preparing/>

# KEY

ENTRANCE

(A) = courses offered at the Anderson Union High School District (Anderson High, Anderson New Technology High, or West Valley High)

(B) = courses offered at Burney Jr/Sr High

(FR) = courses offered at Fall River Jr/Sr High

(N) = courses offered at Northern Summit Academy

(P) = courses offered at Pioneer High

(ROP) = courses offered at the Shasta-Trinity ROP (available for Anderson High, Anderson New Technology High, Central Valley High, Shasta County Independent Study, West Valley High)

(S) = courses offered at the Shasta Union High School District (available for Enterprise High, Foothill High, Shasta High, North State Independence High School, and Pioneer High School)

(WV) = courses offered at West Valley



CHART TO FOLLOW

15 Industry Sectors	Pathways	Introductory Course	Concentrator Course	Completer Course (available to juniors & seniors)
Agricultural Business	Agricultural Business	Agriculture Business & Personal Finance (FR, WV)		
	Agricultural Business	Agriculture Mechanics 1 (A, FR, S, WV)	Agriculture Mechanics 2 (A, FR, S)  Agricultural Mechanics 2/Welding (WV)  Advanced Agriculture Leadership (FR)  Agriculture Mechanics Woodworking 2 (FR)  Ag Machinery & Diesel Power (WV)	Agriculture Mechanics 3 (A, S)  Ag Mechanics 4 (S)  Advanced Agriculture Mechanics (FR)  Agricultural Mechanics 3/Fabrication (WV)  Agriculture Mechanics Woodworking 3 (FR)
	Agriscience	Agriculture Science 1 (A, FR)  Agricultural Physical/Earth Science (S)	Agriculture Science 2 (A, FR)  Agriscience 1 (B)  CP Integrated Agricultural Biology (S)	Agriculture Chemistry (A)  Agriscience 2 (B)  Intro to Natural Resources (A)  Advanced Agriculture (FR)
	Animal Science	Vet Assistant (N)		Animal Science (S)
	Forestry and Natural Resources	Forestry & Natural Resources (N)		
	Ornamental Horticulture	Floriculture 1 (FR)  Floral Design (WV)	Floriculture 2 (FR)  Floral Design 2 (WV)	Floriculture 3 (FR)  Environmental Horticulture Science (Nursery/Landscape) (WV)
	Plant and Soil Science			Plant and Soil Science
	Arts, Media, and Entertainment		Design, Visual, and Media Arts (A)	Graphic Arts (A)
	Building and Construction Trades	Residential and Commercial Construction	Intro to Construction (S)	Intermediate Construction (S)
Cabinetry, Millwork, and Woodworking		Wood 1 (FR)  Wood 2 (FR)	The Art of Fine Woodworking (S)  Wood 3 (FR)	Wood 4 (FR)

Business and Finance	Residential and Commercial Construction	Intro to Construction (S)	Intermediate Construction (S)	Advanced Construction (S) Construction Technology Careers (S)
	Cabinetry, Millwork, and Woodworking	Wood 1 (FR) Wood 2 (FR)	The Art of Fine Woodworking (S) Wood 3 (FR)	Wood 4 (FR)
Education, Child Development, and Family Services		Introduction to Family & Consumer Science Careers (P)	Senior Family & Consumer Science (P)	Careers with Children (ROP) Child Psychology/ Development (ROP) Early Childhood Education/ Careers in Education (S)
Energy, Environment, and Utilities				
Engineering and Architecture	Architectural Design		CP Computer Aided Drafting (S-EHS, SHS)	Computer Aided Drafting 2/3 (S)
	Engineering Design		Engineering & The Fabrication Laboratory (S)	Robotics (S) Robotics Engineering Technology (S)
	Engineering Technology		Advanced Manufacturing (S)	Robotics Applications (S)
Fashion and Interior Design				Cosmetology (ROP)
Health Science and Medical Technology		Intro to Medical Careers (S-SHS)	CP Computer Aided Drafting (S-EHS, SHS)	Medical: Medical Assistant (ROP) Medical: Patient Care (ROP) Medical Careers Clinical (S) Dental Careers (S) Sports Medicine/ Kinesiology (S)
Hospitality, Tourism, and Recreation		Food Science (FR) Food and Nutrition (S)	Culinary Arts 1 (A, S)	Catering & Production (A, WV) Restaurant Occupation (ROP) Chef Prep & Hospitality Careers 1 (S) Catering, Baking Academy & Contemporary International Cuisine (S)

<b>Information and Communication Technologies</b>		<b>Computer Science (WV)</b> <b>Imaging 1 (WV)</b> <b>Information Technology (N)</b> <b>Computer Applications (S)</b> <b>Computer Literacy (S)</b>  <b>Intro to Internet &amp; HTML (S)</b>  <b>Game Design and Programming (WV)</b>  <b>Robotics and Computer Science (WV)</b>	<b>Imaging 2 (WV)</b>  <b>Computer Science Principles (S)</b>  <b>PC Graphics &amp; Design (S)</b>   <b>Web Design Using Dreamweaver (S)</b>	<b>A+ Computer Repair (ROP)</b>  <b>Network Administration (ROP)</b>    <b>Digital Multimedia (S)</b>
<b>Manufacturing and Product Development</b>				
<b>Marketing, Sales, and Services</b>		<b>Marketing (A)</b>	<b>Business Essentials (B)</b>	<b>Career &amp; Employment Skills (B)</b>
<b>Public Services</b>				<b>Administration of Justice (ROP, S)</b>  <b>Advanced Administration of Justice (A)</b>  <b>Administration of Justice Careers 2 (S)</b>  <b>Firefighter Training (ROP)</b>  <b>Fire Technology Careers 2 (S)</b>   <b>Public Safety (ROP)</b> <b>Administration of Justice (ROP, S)</b>  <b>Advanced Administration of Justice (A)</b>  <b>Administration of Justice Careers 2 (S)</b>  <b>Firefighter Training (ROP)</b>  <b>Fire Technology Careers 2 (S)</b>   <b>Fire Technology Careers 1 (S)</b>  <b>Fire Technology Careers 2 (S)</b>  <b>Public Safety (ROP)</b>
<b>Transportation</b>			<b>Auto Physical Science (ROP)</b>	<b>Automotive Tech (ROP)</b>  <b>Advanced Auto (ROP)</b>



## For course descriptions, go to the websites below:

Anderson Union High School District (available for Anderson High, Anderson New Technology High, or West Valley High) [https://filecabinet5.eschoolview.com/9AE-78CDD-643C-4FA0-94A7-5614E40F70CE/\\_2018\\_19DistrictCourseCatalog.pdf](https://filecabinet5.eschoolview.com/9AE-78CDD-643C-4FA0-94A7-5614E40F70CE/_2018_19DistrictCourseCatalog.pdf)

Burney Jr/Sr High

[http://bhs.frjUSD.org/for\\_parents/important\\_links/c\\_t\\_e\\_information](http://bhs.frjUSD.org/for_parents/important_links/c_t_e_information)

Central Valley High: <https://www.strop.org/schoolsinjpa> and <http://cvfalconpride.com/cms/One.aspx?portalId=90254&pageId=127846>

ROP Courses on CVHS campus: <https://www.youtube.com/watch?v=AYjeQlyD6Oo&feature=youtu.be>

Fall River Jr/Sr High:

<http://frhs.frjUSD.org/cms/One.aspx?portalId=59683&pageId=10891679>

Northern Summit Academy: <http://ns-academy.org/cte/>

Shasta-Trinity ROP (available for Anderson Union High School District, Central Valley High, and Shasta County Independent Study Charter):

<https://www.strop.org/schoolsinjpa>

Shasta Union High School District (available for Enterprise High, Foothill High, Shasta High, North State Independence High School, and Pioneer High School)

<http://www.suhsd.net/Departments/Instructional-Services/Career-And-Technical-Education/index.html>

Shasta High School Campus Medical Pathway:

<http://www.shastawolves.com/Parents--Students/Medical-Pathway/index.html>

West Valley High <https://www.strop.org/schoolsinjpa>

WVHS Site Culinary Program: <http://www.auhsd.net/DelaineSmith.aspx>



For many years there has been a myth that CTE programs are for students choosing not to pursue education beyond high school. Nothing could be further from the truth! Some myth busters include the following facts:

- College applications actually provide an opportunity to list and write about a student's experience in CTE/ROP courses
- CTE/ROP courses provide students an opportunity to experiment with different careers free of charge, prior to selecting a college major.
- Most CTE/ROP courses satisfy the (g) subject requirement for university admission
- Many CTE/ROP courses earn college credit

School counselors report that CTE/ROP courses can increase a student's motivation to attend school. The large majority of CTE/ROP courses are held in non-traditional classrooms and provide opportunities for more physical engagement with the curriculum.

Students and their parents are encouraged to meet often with their high school counselor in order to draft an academic plan that affords an opportunity to graduate with CTE/ROP completer status as well as A-G eligible status (admission and college ready coursework).



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shasta | EVERY STUDENT  
EVERY OPTION