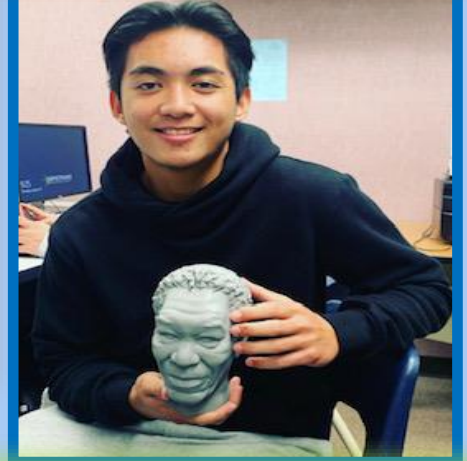


A GUIDE TO CAREER TECHNICAL EDUCATION



College and Career Advantage

33122 Valle Road

San Juan Capistrano, CA 92675

(949) 234-9464

WWW.CCADVANTAGE.ORG





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COLLEGE AND CAREER ADVANTAGE INFORMATION

COLLEGE & CAREER ADVANTAGE




17,369 

Students Enrolled
are Gaining CTE Skills

500+ 

Local Business
Partners
Internships, Guest Speakers & Advisors

80% 

of Students
Who Take CTE
Meet College & Career Goals

CAREER PATHWAYS THAT LEAD TO COLLEGE AND CAREER SUCCESS

CCADVANTAGE.ORG

Courses with Industry Certifications/Licenses

Courses

- Automotive
- CISCO
- Dental Assisting
- Dental Radiology
- Emergency Medical Technician
- Fire Science
- Pharmacy Technician
- Physical Therapy Aide
- Surgical Technologist
- Veterinary Technician

Certifications

- A+ Certification
- Adobe
- ASE (Auto. Service Excellence)
- CISCO CCNA
- CPR AHA BLS
- ServSafe
- SolidWorks

UC/CSU a-g Approved Honors Courses

- 3D Media Design
- Accounting
- Actors Repertory
- Administration of Justice
- Architectural Design/Engineering
- Art of Animation
- Art of Graphic Design
- Audio and Music Production
- Automotive Technology
- Aviation II
- Biotechnology
- Business Mgmt/Entrepreneurship
- Catering and Event Planning
- Criminal Psychology
- Dance Company
- Digital Photography
- Emergency Medical Technician
- Engineering & Manufacturing Technology
- Engineering Design
- Engineering Design & Development
- Engineering Principles
- Environmental Field Studies
- Fashion Design
- Forensic Science
- Game Design
- Graphic Production Technologies
- Medical Core
- Multimedia Design
- Physical Therapy Aide
- Rapid Prototype
- Robotics Autonomous Systems
- Robotics Design & Fabrication
- Robotics Fundamentals
- Robotics Systems Integration
- Stagecraft
- Surgical Technology
- Theater Performer
- Trial Law
- TV Broadcast Journalism
- Veterinary Technician
- Video Production, Advanced
- Virtual Enterprise

***All CCA Courses are UC "a-g" approved**

Earning College Credit through Articulation

- 3D Media Design
- Accounting
- Actors' Repertory
- Architectural Design
- AP Studio Art/2D Design
- Art of Animation
- Art of Graphic Design
- Audio and Music Production
- Auto Mechanics
- Automotive Technology
- Biotechnology
- Business Mgmt/Entrepreneurship
- CISCO IT Essentials
- CISCO Networking
- Culinary Arts
- Engineering & Manufacturing
- Engineering Principles
- Fashion Design
- Fire Science
- Foods Around the World
- Foods Nutrition & Entrepreneurship
- Game Design
- Graphic Production Tech
- Medical Core
- Multimedia Design
- Multimedia Production
- Sports Medicine
- Stagecraft
- Street Law
- TV Broadcast Journalism
- Video Production
- Virtual Enterprise

GOVERNING BOARD

Jan Vickers, President
Martha McNicholas, Vice President/Clerk
Pamela Braunstein, Board Member
Gila Jones, Board Member
Dee Perry, Board Member



WHERE DO I REGISTER?

- High school students should see their Academic Advisor at their high school
- Students attending alternative high schools may call (949) 234-9464 for information
- Adult registration – Please visit our website for additional details

WWW.CCADVANTAGE.ORG



WHO DO I CALL

Contact	Questions On	Phone/Ext/Location
Pati Romo, <i>Executive Director</i>	Organization Policies, Board Policies, Instructional Division	(949) 234-9464
Kim Thomas, <i>Administrator, Instructional Programs</i>	Advisory Meetings, Conferences, Safety Issues, High School Student Registration, Reimbursement, Field Trips, Guest Speakers	(949) 234-9479
Nicole Berkman, <i>K-12 Pathway Coordinator</i>	Pathways/CTE questions, Marketing, UC a-g, Honors, Dual-Enrollment, Counselor or Academic Advisor questions	(949) 234-9445
Dominic Vellanoweth, <i>Instructional/Career Coach</i> (Serra High School, Access, Fresh Start, Opportunities for Learning)	Alternative Education and Out-of-District Students, Opportunities for Learning, Student Services, College and Career Campus Keys, Substitute Requests	(949) 234-5994
Jillian Dean, <i>Instructional/Career Coach</i>	New Instructor/CC-CCTE Internship, Instructional Assistance, Curriculum Development, Instructional Strategies, Purchase Orders, Substitute Requests	(949) 234-9447 (949) 234-9464 Ext. 10831
Kathy Struiksma, <i>Executive Secretary and Human Resource Specialist</i>	Human Resources, Credentialing, Retirement, Workers Compensation, Annual Compliance	(949) 234-9477
Cindy Fox, <i>Accountant</i>	Payroll	(949) 234-9459
Alfonso Gutierrez, <i>Accounts Payable/Facilities</i>	Deliveries	(949) 234-9465
RADAR	Technology & Information Services	(949) 234-5500

High School Academic Advisors and Registrars 2020-2021

HS	Registrar/Office Manager	Academic Advisors	Ext. #	Alpha Assign	Email Address
ANHS 949-831-9495	(R) Kyne Thompson ext. 14038 Office Mgr. Dawn Stanley	Beth Pulfer Kimberly Dittrich *Maria Reider Carolyn Koyama Erin Bowen Tonya Whiteside Cheryl Wood	14039 14040 14031 14032 14033 14034 14035	A-Ce Ch-F G-Jo Ju-McK McL-P Q-Ste Sti-Z	bapulfer@capousd.org kidittrich@capousd.org mtreider@capousd.org kwkoyama@capousd.org erbowen@capousd.org twhiteside@capousd.org cwood@capousd.org
Cal Prep 949-234-5317	(R) Gillian Gebauer Office Mgr. Gillian Gebauer	*Kathleen Teager	45317 45323	A-Z Full-Time, Dual, and Single Course	gpgebauer@capousd.org kawilson@capousd.org kateager@capousd.org
CVHS 949-364-6100	(R) Debbie Gonzales ext. 12013 Office Mgr. Karen Bucknam	Lynn Bell Vanessa Coleman Kim Cox Jenn Candelaria *Erica Crowell	12014 12015 12016 12017 12018	A-Da Db-H I-Mi Mj-Sa Sb-Z	lbelle@capousd.org vccoleman@capousd.org klcox@capousd.org jmcandelaria@capousd.org edcrowell@capousd.org
DHHS 949-496-6666	(R) Susanna Lomeli ext. 11013 Office Mgr. Sharon Gibby	Angie Gutierrez *Ann Marie Casazza Lexi Jakovich Summer Yim Sarah Dean	11019 11015 11017 11014 11018	A-Di Do-Ja Je-Ne Ng-Sam San-Z	amgutierrez@capousd.org amcasazza@capousd.org atjakovich@capousd.org sjyim@capousd.org smdean@capousd.org
Fresh Start 949-234-5317	Office Mgr. Gillian Gebauer	Resident High School AAs Kathleen Teager for questions/assistance	45317	A-Z	kawilson@capousd.org kateager@capousd.org
Serra HS 949-489-7216	(R) Kay Connolly Office Mgr. Rocio Torres	*Felix Hernandez	NA	A-Z	kdconnolly@capousd.org capollard@capousd.org frhernandez@capousd.org
LBHS 949-497-7750	(R) Ellen Oxaless Office Mgr. Durinda Klein	*Ann Bergen Career Spec.	Option #4, #2	A-Z CCA Students	abergen@lbusd.org
SCHS 949-492-4165	(R) Joanne Abbott ext. 13030 Office Mgr. Darla Jones x13001	Kelly Myers Christina Van Patten Haileigh Hopper *Stephanie Brizeno Carol Stevenson Sandra Spencer Patty Robinson	13015 13009 13010 13011 13012 13013 13008	Special Programs A-Ci Cj-Gla Gle-Koo Kop-Orr Ors-Sha She-Z	kmmyers@capousd.org cmvanpatten@capousd.org hahopper@capousd.org sbrizeno@capousd.org castevenson@capousd.org sjspencer@capousd.org phrobinson@capousd.org
SJHHS 949-234-5997	(R) Tracy Brown ext. 16102 Office Mgr. Megan Casillas Guidance Clerk: Blanca Miranda	*Maureen Scherf Kathleen Levinson Justin Elenes Fernando Sotelo Elise Butler Lisa Cassarino	45989 16030 16108 16105 16104 16111 16100	A-Ci Cl-Gh Gi-La Le-Ok Ol-Sep Ser-Z	mcscherf@capousd.org kmlevinson@capousd.org jaelenes@capousd.org fesotelo@capousd.org epbutler@capousd.org lmccassarino@capousd.org
THS 949-234-5310	(R) Carie Abrew ext. 15025 Office Mgr. Donna Horn	Melanie Young *Julie Arlotti Andy Stratton Lisa Wada Sherry Martinez	15024 15030 15020 15021 15022	A-Dav Daw-H I-Mn Mo-San Sao-Z	mmyoung@capousd.org jharlotti@capousd.org adstratton@capousd.org lawada@capousd.org spmartinez@capousd.org

* = Head Academic Advisor ■ = CCA Contact ■ = CCA Registrar

Revised: 08/2021

COLLEGE AND CAREER CENTERS

PREPARING STUDENTS FOR COLLEGE & CAREER READINESS

OFFERING ON CAMPUS SERVICES INCLUDING:

- CAREER EXPLORATION
- RESUME BUILDING
- INTERVIEW PREPARATION
- SAT/ACT TESTING
- COLLEGE SEARCH
- PARENT EDUCATION
- CAREER PLANNING & DEVELOPMENT
- VIRTUAL COLLEGE VISITS



COLLEGE AND CAREER ADVANTAGE
WWW.CCADVANTAGE.ORG



GET A RUNNING START

THROUGH EARLY COLLEGE PATHWAYS AT CAPO VALLEY!

FREE Courses taught during the regular bell schedule on **YOUR** high school campus!
Earn **BOTH** High school AND College credit for your work!



Multiple Pathways

Automotive Engineering
Technology

Business

Computer Information
Management



Innovative ideas

Complete a degree or
certificate while **IN** high
school!

Learn skills for a changing
job market



Keys to Success

Access to college support
services like career
counselors.

Supportive environment
with other High School
Students

A Partnership Between





We're ready for you.



EARN COLLEGE CREDIT WHILE IN HIGH SCHOOL!

- Seamless pathway from high school to community college for career technical education or preparation for transfer
- Improves high school graduation rates
- Helps high school pupils achieve college and career readiness

Pathway Courses Include:

- Programming with Python
- Java For Beginners
- Computer & Video Game Design

**Contact your CVHS Guidance
Team to learn more!**



AUTOMOTIVE ENGINEERING TECHNOLOGY

We're 
ready
for you.

EARN COLLEGE
CREDIT WHILE IN
HIGH SCHOOL!

- Seamless pathway from high school to community college for career technical education or preparation for transfer
- Improves high school graduation rates
- Helps high school pupils achieve college and career readiness

Pathway Courses Include:

- Automotive Fundamentals
- Automotive Electrical Systems
- Automotive Engineering Fundamentals

Contact your CVHS Guidance
Team to learn more!





BUSINESS

Pathway Courses Include:

- Introduction to Business
- Marketing
- Legal Environment and Business Law

Contact your CVHS Guidance Team to learn more!

We're ready for you.



EARN COLLEGE CREDIT WHILE IN HIGH SCHOOL!

- Seamless pathway from high school to community college for career technical education or preparation for transfer
- Improves high school graduation rates
- Helps high school pupils achieve college and career readiness



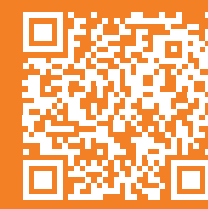
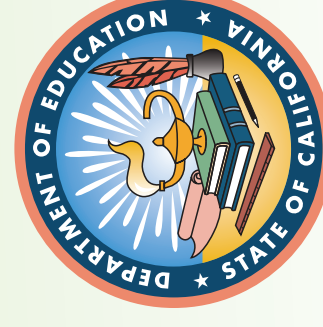
INDUSTRY SECTORS

California's Career Technical Education:

Preparing Students for the 21st Century and Beyond

"We seek the day when every enterprise in California—public and private—has access to a pool of talent that both attracts the world's leading businesses and hastens the development and success of new ones, creating opportunities for all."

—Tom Torlakson, State Superintendent of Public Instruction



AGRICULTURE & NATURAL RESOURCES



The Agriculture and Natural Resources sector is designed to provide a foundation in agriculture for all agriculture students in California. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in seven pathways. The pathways emphasize real-world, occupationally relevant experiences of significant scope and depth in Agricultural Business, Agricultural Mechanics, Agriscience, Animal Science, Forestry and Natural Resources, Ornamental Horticulture, and Plant and Soil Science. Integral components of classroom and laboratory instruction, supervised agricultural experience projects, and leadership and interpersonal skills development prepare students for continued training, advanced educational opportunities, or entry to a career.

Agriculture-Animal Science

Occupation	Recommended Degree	Salary Range
Veterinarian	Bachelors	\$69,370 - \$187,700 annually
Veterinary Technician	VT Certification	\$26,640- \$61,080 annually
Animal Trainer	HS Diploma	\$23,560 - \$43,430 annually
Animal Control Officer	Certification/HS Diploma	\$57,387 - \$63,252 annually

What is the CTE pathway?

Concentrator

- Veterinary Technician

Capstone

- Veterinary Technician, Advanced

Where can I take these classes?



CCA Training Center
26301 Via Escolar
Mission Viejo, CA, 92692

Where can I go to College?



Animal and Veterinary Science

- Cal Poly Pomona
- UC Davis

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ARTS, MEDIA, AND ENTERTAINMENT



Of all the career industries, the Arts, Media, and Entertainment sector requires perhaps the greatest cross-disciplinary interaction because the work in this sector has a propensity to be largely project-based, requiring both independent work and interdependent management skills for career success. New technologies are also constantly reshaping the boundaries and skill sets of many arts career pathways. Consequently, core arts-sector occupations demand constantly varying combinations of artistic imagination, metaphoric representation, symbolic connections, and technical skills. Successful career preparation involves both broad and in-depth academic and technical preparation as well as the cultivation of twenty-first-century skill assets, such as flexibility, problem-solving abilities, and interpersonal skills. Careers in the Arts, Media, and Entertainment sector fall into four general pathways: Design, Visual, and Media Arts; Performing Arts; Production and Managerial Arts; and Game Design and Integration. The anchor and pathway standards make explicit the appropriate knowledge, skills, and practical experience students should have in order to pursue their chosen profession, whether that profession requires postsecondary education, graduate training, or apprenticeship.

Arts, Media and Entertainment

Occupation	Recommended Degree	Salary Range
Film and Video Editor	Certification/AA	\$36,400 - \$208,000 annually
Graphic Designer	Certification/HS Diploma	\$32,260 - \$97,290 annually
Multimedia Artist/Animator	Certification/AA	\$48,340 - \$131,370 annually
Producer/Director	Bachelors	\$45,120 - \$205,780 annually
Web Designer	Certification/AA	\$38,040 - \$149,230 annually

What is the CTE pathway?

Intro

- Drama
- Stagecraft Intro

Concentrator

- 3D Media Design
- AP/2D Art & Design
- Art of Animation
- Art of Graphic Design
- Audio and Music Production
- Commercial Music
- Dance Performance
- Digital Media Arts
- Drama, Advanced
- Digital Photography
- Multimedia Design
- Stagecraft

Capstone

- Actors Repertory
- Actors Repertory II
- Art of Animation II
- Dance Company
- Dance Production
- Game Design
- Graphic Production Technologies
- Theater Performer I/II
- Theatrical Production
- TV Broadcast Journalism
- Video Production I/II

Where can I take these classes?



CUSD *and* LBUSD High Schools:

ANHS	SCHS
CVHS	THS
DHHS	SCHS
SJHHS	LBHS

Post-Secondary available at:

- Saddleback College
- Orange Coast College
- Irvine Valley College
- Golden West College
- Santiago Canyon College
- Santa Ana College

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33122 Valle Road

San Juan Capistrano, CA 92675

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BUILDING AND CONSTRUCTION



This sector provides a foundation in the Building and Construction Trades industry for secondary students in California. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the Building and Construction Trades industry. The sector encompasses four career pathways: Cabinetry, Millwork, and Woodworking; Engineering and Heavy Construction; Mechanical Systems Installation and Repair; and Residential and Commercial Construction. These pathways emphasize processes, systems, and the way in which structures are built. The knowledge and skills are acquired in a sequential, standards-based pathway program that integrates hands-on, project-based, and work-based instruction. Standards included in the Building and Construction Trades sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

Building and Construction Trades

Occupation	Recommended Degree	Salary Range
Construction Labor	High School Diploma/Certification	\$27,950 - \$75,660 annually
Construction & Building Inspector	Bachelors	\$51,860 - \$127,540 annually
Electricians	Certification/AA	\$35,780 - \$112,300 annually
Plumbers, Pipefitters, Steamfitters	Certification/AA	\$32,820 - \$103,180 annually
Construction Manager	Bachelors/Masters	\$59,630 - \$186,520 annually

What is the CTE pathway?

Concentrator

- Building and Industrial Trades I (BITA 1)

Capstone

- Building and Industrial Trades II (BITA 2)
- Building and Industrial Trades III (BITA 3)

Where can I take these classes?



San Juan Hills High School

Post-Secondary Courses available at:

- Saddleback College
- Orange Coast College
- Irvine Valley College



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BUSINESS AND FINANCE



Persons trained in fields such as business management, international trade, and various financial services specialties (e.g., accounting, banking, and investing) will find that their skills are highly marketable. Students master basic business principles and procedures before proceeding to the career path specializations. The specializations emphasize concepts of accounting and finance, including computer applications, taxes, investments, and asset management as well as pathways in international business and business management. Because almost every business and organization has a financial and management component, students will find that opportunities exist in many career paths in addition to those in business and finance.

Business and Finance

Occupation	Recommended Degree	Salary Range
Accountant	Bachelors	\$47,190 - \$127,520 annually
Economist	Bachelors	\$58,610 - \$195,660 annually
Financial Analyst	Bachelors	\$57,920 - \$172,450 annually
Finance Manager	Bachelors	\$73,560 - \$208,000+ annually
Human Resources Specialist	Bachelors	\$42,090 - \$119,370 annually

What is the CTE pathway?

Concentrator

- Accounting
- Business Management/Entrepreneurship
- Computer Application
- Intro to Business
- Virtual Enterprise

Capstone

- Virtual Enterprise II

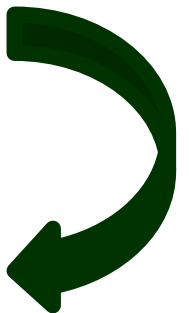
Where can I take these classes?



Aliso Niguel
Capistrano Valley
Dana Hills
San Clemente
San Juan Hills
Tesorero

Post-Secondary Courses available at:

- Saddleback College
- Orange Coast College
- Irvine Valley College
- Santa Ana College



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San Juan Capistrano, CA 92675
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EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES



The Education, Child Development, and Family Services sector provides students with the academic and technical preparation to pursue high-skill, high-demand careers in these related and growing industries. The sector encompasses four distinct, yet interrelated, career pathways: Child Development, Consumer Services, Education, and Family and Human Services. The Child Development pathway provides students with the skills and knowledge they need to pursue careers in child care and related fields, and the Education pathway emphasizes the preparation of students to become teachers. The Consumer Services pathway gives students the employment and management skills needed in careers that involve helping consumers. The Family and Human Services pathway provides students with skills needed for careers related to family and social services. The standards are designed to integrate academic and career technical concepts. The anchor standards include Consumer and Family Studies comprehensive technical knowledge and skills that prepare students for learning in the pathways. Standards in the Education, Child Development, and Family Services sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

Education, Child Development, Family Services

Occupation	Recommended Degree	Salary Range
Education Administrator	Bachelors/Masters	\$87,620 - \$162,810 annually
Elementary and Secondary School Teacher	Bachelors	\$51,970 - \$110,140 annually
School Counselor	Bachelors	\$38,750 - \$121,340 annually
School Psychologist	Masters	\$55,040 - \$158,280 annually

What is the CTE pathway?

Concentrator

- Child/Adolescent Literature

Capstone

- Careers in Teaching

Where can I take these classes?



Tesoro High School

Post-Secondary Courses available at:

- Saddleback College
- Irvine Valley College
- Orange Coast College
- Santa Ana College
- Golden West College
- Santiago Canyon College



College and Career Advantage

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San Juan Capistrano CA 92675

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ENERGY, ENVIRONMENT, AND UTILITIES



This sector is designed to provide a foundation of knowledge and skills in careers related to energy, environment, and utilities. The pathways emphasize real-world, occupationally relevant knowledge, skills, and experiences of significant scope and depth in Environmental Resources, Energy and Power Technology, and Telecommunications. The standards integrate academic and technical preparation and focus on career awareness, career exploration, preparation for entry to technical-level employment, and alignment with postsecondary programs focused on energy, utilities, and related fields.

Energy, Environment and Utilities

Occupation	Recommended Degree	Salary Range
Environmental Scientist	Bachelors	\$51,700 - \$138,120 annually
Environmental Engineer	Bachelors	\$63,000 - \$151,080 annually
Heating and Air Conditioning Mechanic	Certification/AA	\$32,900 - \$94,380 annually
Lineman	Certification	\$50,510 - \$129,340 annually
Solar Installer	Certification/AA	\$31,470 - \$62,950 annually

What is the CTE pathway?

Concentrator

- Environmental Field Studies
- Renewable Energy Science

Where can I take these classes?



Dana Hills High School
Tesoro High School

Post-Secondary Courses available at:

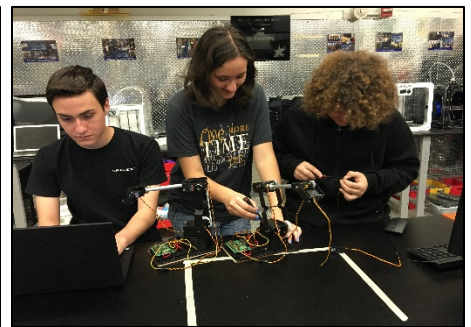
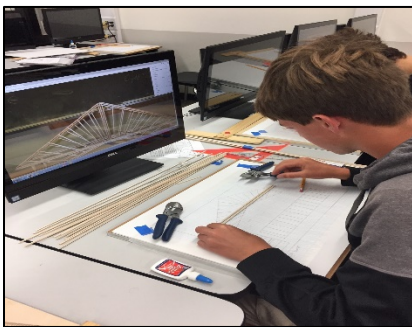
- Saddleback College
- Irvine Valley College
- Orange Coast College



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ENGINEERING AND ARCHITECTURE



This sector is designed to provide a foundation in engineering and architecture sector pathways and occupations for students in California. Students are engaged in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and career preparation in four pathways that emphasize real-world, occupationally relevant experiences of significant scope and depth: Architectural Design; Engineering Technology; Engineering Design; and Environmental Engineering. To prepare students for continued training, advanced educational opportunities, and direct entry to a career, the Engineering and Architecture programs offer the following components: classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; and leadership and interpersonal skills development.

Engineering and Architecture

Occupation	Recommended Degree	Salary Range
Architect	Bachelors	\$52,990 - \$147,730 annually
Aerospace Engineer	Bachelors	\$75,300 - \$175,630 annually
Civil Engineer	Bachelors	\$62,080 - \$161,210 annually
Electrical Engineer	Bachelors	\$66,100 - \$167,170 annually
Industrial Engineer	Bachelors	\$65,300 - \$161,600 annually

What is the CTE pathway?

Concentrator

- Architectural Design
- Chemistry and Environmental Engineering
- Engineering Design
- Engineering Principles
- Rapid Prototype
- Robotics Fundamentals
- Robotics Design & Fabrication

Capstone

- Architectural Engineering
- Engineering & Manufacturing Technology
- Engineering & Manufacturing Technology, Advanced
- Engineering Design & Development
- Robotics Systems Integration
- Robotics Autonomous Systems

Where can I take these classes?



Aliso Niguel High School
Capistrano Valley High School
San Clemente High School

Post-Secondary Courses available at:

- Irvine Valley College
- Saddleback College
- Santa Ana College
- Orange Coast College
- Golden West College
- Santiago Canyon College



College and Career Advantage

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San Juan Capistrano, CA 92675

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FASHION AND INTERIOR DESIGN



The Fashion and Interior Design sector provides students with the academic and technical preparation necessary to pursue high-skill, high-demand careers in these related and growing industries. The sector encompasses three distinct career pathways: Fashion Design and Merchandising, Interior Design, and Personal Services. The standards are designed to integrate academic and career technical concepts. The anchor standards include Consumer and Family Studies comprehensive technical knowledge and skills that prepare students for learning in the pathways. The knowledge and skills are acquired within a sequential, standards-based pathway program that integrates hands-on projects, work-based instruction, and leadership development. Standards in this sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

Fashion and Interior Design

Occupation	Recommended Degree	Salary Range
Fashion Designer	Bachelors	\$34,810 - \$186,630 annually
Merchandise Buyer	Bachelors	\$38,550 - \$110,230 annually
Textile Design	Bachelors	\$36,502 - \$80,394 annually
Interior Designer	Bachelors	\$32,240 - \$107,450 annually

What is the CTE pathway?

Concentrator

- Fashion Design

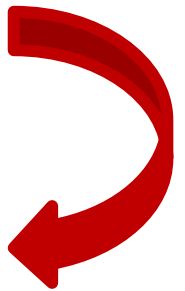
Where can I take these classes?



Capistrano Valley High School

Post-Secondary Courses available at:

- Saddleback College
- Santa Ana College
- Orange Coast College
- Golden West College



College and Career Advantage

33122 Valle Road

San Juan Capistrano, CA 92675

www.ccadvantage.org

HEALTH SCIENCE AND MEDICAL TECHNOLOGY



The standards in this sector represent the academic and technical skills and knowledge students need to pursue a full range of career opportunities in health science and medical technology, from entry level to management as well as technical and professional career specialties. The standards describe what workers need to know and be able to do to contribute to the delivery of safe and effective health care. The six career pathways are grouped into functions that have a common purpose and require similar attributes. The pathways are Biotechnology, Patient Care, Health Care Administrative Services, Health Care Operational Support Services, Public and Community Health, and Mental and Behavioral Health. Standards for each career path build on and continue the anchor standards with more complexity, rigor, and career specificity

Health Sciences and Medical Technology

Occupation	Recommended Degree	Salary Range
Registered Nurse	AA/Bachelors	\$66,440 - \$157,160 annually
Dentist	Doctor	\$107,440 - \$208,000 annually
Medical Lab Assistant	Certification/AA	\$31,270 - \$99,730 annually
Physical Therapist Assistant	Certification/AA	\$35,860 - \$84,810 annually
Pharmacy Technician	Certification/HS Diploma	\$30,920 - \$62,140 annually
Surgical Technologist	Certification/HS Diploma	\$45,160 - \$82,350 annually

What is the CTE pathway?

Concentrator

- Biotechnology
- Dental Assisting
- HMO Health Sciences
- Medical Core
- Medical Innovations
- Sports Medicine
- Surgical Technologist

Capstone

- Dental Assistanting, Advanced
- Medical/Hospital Careers
- Physical Therapy Aide
- Sports Medicine, Advanced
- Surgical Technologist, Advanced

Where can I take these classes?

Aliso Niguel
Capistrano Valley
Dana Hills
San Juan Hills
Tesoro



Post-Secondary Courses available at:

- Saddleback College
- Orange Coast College
- Santa Ana College
- Golden West College
- Irvine Valley College



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Hospitality, Tourism, and Recreation



The Hospitality, Tourism, and Recreation sector provides students with the academic and technical preparation necessary to pursue high-skill, high-demand careers in these related and growing industries. The sector encompasses three distinct, yet interrelated, career pathways: Food Science, Dietetics, and Nutrition; Food Service and Hospitality; and Hospitality, Tourism, and Recreation. The standards are designed to integrate academic and career technical concepts. The anchor standards include Consumer and Family Studies comprehensive technical knowledge and skills that prepare students for learning in the pathways. The knowledge and skills are acquired within a sequential, standards-based pathway program that integrates hands-on projects, work-based instruction, and leadership development. Standards in this sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

Hospitality, Tourism, and Recreation

Occupation	Recommended Degree	Salary Range
Executive Sous Chef	Bachelors	\$48,000 - \$83,000 annually
Restaurant Manager	Bachelors	\$53,510 – \$208,000+ annually
Food and Beverage Director	Certification/Bachelors	\$79,527 - \$91,714 annually
Event Manager	Certification/Bachelors	\$78,197 - \$89,672 annually

What is the CTE pathway?

Concentrator

- Culinary Arts
- Foods IA/IB
- Foods Around the World
- Restaurant Careers
- Restaurant Management

Capstone

- Catering and Event Planning
- Culinary Arts, Advanced
- Culinary Baking
- Food & Nutrition Entrepreneurship
- Hotel/Hospitality Careers

Where can I take these classes?



Aliso Niguel
Dana Hills
San Clemente
Serra

Post-Secondary Courses available at:



Saddleback College
Irvine Valley College
Orange Coast College
Santa Ana College

College and Career Advantage

33122 Valle Road

San Juan Capistrano CA 92675

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INFORMATION & COMMUNICATIONS TECHNOLOGIES



Information and Communication Technologies (ICT) have expanded the need for employees who can understand, manage, and support all rapidly emerging, evolving, and converging computer, software, networking, telecommunications, Internet, programming, and information systems. Essential skills for careers in the ICT sector include understanding systems that support the management and flow of data, the ability to work well and communicate clearly with people, and the ability to manage projects efficiently. The ICT sector meets national criteria for high demand, high wages, and high skills and provides students with excellent opportunities for interesting work and good pay. More than 70 percent of jobs in this sector will require a bachelor's degree or higher by 2018.

Information and Communications Technologies

Occupation	Recommended Degree	Salary Range
Software Developer	Bachelors	\$99,643 - \$188,420 annually
Network Administrator	Bachelors	\$78,468 - \$147,840 annually
Computer Programmer	Bachelors	\$89,440 - \$143,910 annually
Electronic Engineering	Bachelors	\$98,875 - \$167,170 annually
Computer Hardware Engineer	Bachelors	\$136,630 - \$195,750 annually

What is the CTE pathway?

Concentrator

- AP Computer Science
- CISCO IT Essentials
- Computer Graphics
- Cyber Security
- Programming and Coding

Capstone

- CISCO Networking

Where can I take these classes?



Capistrano Valley High School
Laguna Beach High School
San Clemente High School

Post-Secondary Courses available at:

- Saddleback College
- Golden West College
- Irvine Valley College
- Orange Coast College
- Santa Ana College
- Santiago Canyon College



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MANUFACTURING & PRODUCT DEVELOPMENT



The Manufacturing and Product Development sector provides a foundation for secondary students in California in manufacturing processes and systems, including graphic design production, machine tooling and forming, welding and materials joining, and product innovation and design. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in four pathways. The pathways emphasize real-world, occupationally relevant experiences of significant scope and depth in manufacturing. The knowledge and skills are acquired within a sequential, standards-based pathway program that integrates hands-on, project-based, and work-based instruction. Standards in this sector are designed to prepare students for entry to a career, postsecondary education, or advanced technical training.

Manufacturing and Product Development

Occupation	Recommended Degree	Salary Range
Commercial and Industrial Designer	Bachelors	\$71,073 - \$128,520 annually
Computer Controlled Machine Operator	HS Diploma	\$34,486 - \$63,570 annually
Industrial Production Manager	Bachelors	\$100,443 – \$197,850 annually
Materials Engineer	Bachelors	\$87,443 - \$160,300 annually

What is the CTE pathway?

Capstone

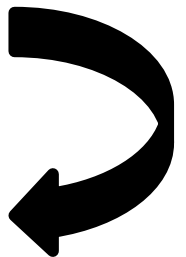
- Graphic Production Technologies

Where can I take these classes?

San Juan Hills High School

Post-Secondary Courses available at:

- Saddleback College
- Golden West College
- Orange Coast College
- Irvine Valley College
- Santa Ana College



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MARKETING, SALES, AND SERVICES



The Marketing, Sales, and Services sector is designed to align career-path course work with current and projected employment opportunities. There is a basic business foundation in this sector: marketing and innovation are two major competitive issues for business today. Marketing includes the processes and techniques of identifying, promoting, and transferring products or services to consumers and is a function of almost every business. It exists within an environment of rapidly changing technology, interdependent nations and economies, and increasing demands for ethical and social responsibility. The three pathways in this sector (Marketing, Professional Sales, and Entrepreneurship/Self-Employment) emphasize training to meet the growing need for marketing professionals with skills in communication, small business, self-employment, advertising, marketing strategies, product and service management, and promotion and selling concepts. These pathways provide a firm foundation for advanced education, entry to a career, and success in the global marketplace. All industry sectors include entrepreneurship and marketing, and therefore students in the Marketing, Sales, and Services sector have a variety of career options.

Marketing, Sales and Services

Occupation	Recommended Degree	Salary Range
Restaurant Cooks	HS Diploma	\$23,270 - \$39,610 annually
Waiter/Waitress	HS Diploma	\$22,370 - \$44,540 annually
Food Service Manager	HS Diploma	\$35,664 - \$90,150 annually
Advertising/Sales Agent	Bachelors	\$42,328 - \$129,670 annually

What is the CTE pathway?

Capstone

- N/A

Where can I take these classes?



Serra High School

Post-Secondary Courses available at:



- Saddleback College
- Irvine Valley College
- Orange Coast College

College and Career Advantage

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PUBLIC SERVICES



A public service is one that is provided by government to its citizens, either directly or through the financing of another entity to provide that service. Careers in public service are unique because they center on challenging issues that define the public agenda and involve the provision of vital services to the public—from local to international levels. Public service professions offer many career opportunities, including the following career pathways: Public Safety, Emergency Response, and Legal Practices. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, skill preparation in the industry, and preparation for postsecondary education and training. Knowledge and skills are learned and applied within a sequential, standards-based pathway program that integrates classroom, laboratory, and project- and work-based instruction. Standards in this sector are designed to prepare students for technical training, postsecondary education, and entry-level employment.

Public Services

Occupation	Recommended Degree	Salary Range
Correctional Officer	Bachelors	\$69,379 - \$93,760 annually
Emergency Medical Technician	Certification	\$37,770 - \$63,370 annually
Firefighter	Certification/AA	\$50,732 - \$135,240 annually
Forensic Science Technician	Bachelors	\$80,150 - \$127,590 annually
Police/Sheriff Patrol Officer	Academy Training/AA	\$78,479 - \$138,970 annually

What is the CTE pathway?

Concentrator

- Crime Scenes and Investigations
- Law Enforcement Intro
- Street Law

Capstone

- Trial Law

Concentrator

- Emergency Medical Responder
- Intro to Emergency Medicine
- Fire Science

Capstone

- Emergency Medical Technician

Where can I take these classes?

Aliso Niguel High School
 Capistrano Valley High School
 Dana Hills High School
 Laguna Beach High School
 San Juan Hills High School

Post-Secondary Courses available at:

- Saddleback College
- Santa Ana College
- Irvine Valley College
- Golden West College
- Santiago Canyon College



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TRANSPORTATION



This sector is designed to provide a foundation in transportation services for all industrial technology education students in California. There are eight focus areas that fall under the Transportation sector, each with different career opportunities. The focus areas are On-Road; Off-Road; Stationary; Rail; Water/Sea; Air; Space; and Small Engines and Specialty Equipment. The pathways in the Transportation sector emphasize real-world, occupationally relevant experiences of significant scope and depth in three areas: Operations, Structural Repair and Refinishing, and Systems Diagnostics, Service, and Repair. The standards are designed to integrate academic and technical preparation and focus on career awareness, career exploration, and skill preparation in the three pathways. Integral components include classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; and leadership development. The standards in this sector prepare students for continued training, postsecondary education, and entry to a career.

Transportation

Occupation	Recommended Degree	Salary Range
Auto Body Repair Manager	Certification/AA	\$26,900 - \$77,950 annually
Automotive Service Tech/Mechanic	Certification/AA	\$52,457 - \$75,460 annually
Insurance Appraisers	Bachelors	\$43,040 - \$96,140 annually
Mechanical Engineer	Bachelors	\$74,967 - \$161,390 annually

What is the CTE pathway?

Concentrator

- Aviation Careers
- Auto Mechanics
- Consumer Auto Mechanics

Capstone

- Aviation Careers II
- Advanced Diagnostics
- Automotive Technology

Where can I take these classes?



Aliso Niguel High School
Capistrano Valley High School
San Clemente High School

Post-Secondary Courses available at:



- Saddleback College
- Santa Ana College

College and Career Advantage

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ALISO NIGUEL HIGH SCHOOL

CAREER TECHNICAL EDUCATION COURSES

Offered at ANHS

- Actors Repertory
- AP Computer Science
- Architectural Design
- Automotive Pathway
- Biotechnology
- Culinary Arts
- Culinary Arts Advanced
- Culinary Baking
- Digital Photography
- Drama 1A
- Drama Advanced
- Forensic Science
- Multimedia Design
- Rapid Prototype
- Sports Medicine
- Stagecraft
- Stagecraft Intro
- Theatrical Production
- TV Broadcast Journalism
- Video Production

To register for classes
contact your High School
Academic Advisor

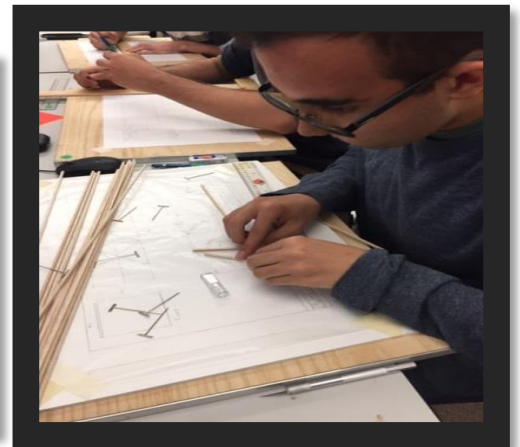
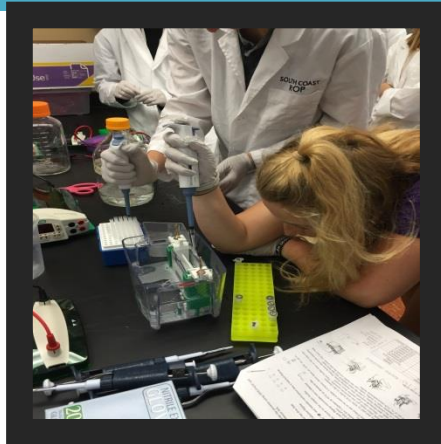
*For more information
contact:*

COLLEGE AND CAREER
ADVANTAGE

WWW.CCADVANTAGE.ORG

(949)234-9464

Aliso Niguel High School



After School Classes

- Administration of Justice
- Aviation Careers
- Business Management & Entrepreneurship
- Consumer Auto Mechanics
- Culinary Arts
- Dental Assisting I
- Emergency Medical Technician
- Fashion Design
- Fire Science

- Medical Core
- Medical/Hospital Careers
- Medical Innovation
- Robotics Design & Fabrication (Lower Level)
- Robotics/Autonomous Systems (Upper Level)
- Surgical Technician
- Surgical Technician Intro
- Veterinary Technician
- Veterinary Technician Adv



ALISO NIGUEL HIGH SCHOOL

CAREER PATHWAYS



AGRICULTURE & NATURAL RESOURCES SECTOR



ANIMAL SCIENCE PATHWAY (103)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Veterinary Technician	CU101S	02	G	No	Certificate of Completion	No
Veterinary Technician, Adv.	CH102S	03	G	No	Certificate of Completion	Yes

ARTS, MEDIA & ENTERTAINMENT SECTOR



DESIGN, VISUAL, & MEDIA ARTS PATHWAY (111)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Digital Photography	DH6113	02	F	Yes	Certificate of Completion	Yes
Multimedia Design	DH6374	02	F	Yes	Certificate of Completion	Yes
Video Production	DH8604	03	F	Yes	Certificate of Completion	Yes

PERFORMING ARTS PATHWAY (112)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Drama	DU5174	02	F	No	Certificate of Completion	No
Drama, Advanced	DU5183	02	F	No	Certificate of Completion	No
Actors' Repertory	DH6663	03	F	Yes	Certificate of Completion	No

PRODUCTION & MANAGERIAL ARTS PATHWAY (113)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Stagecraft Intro	DU112S	01	F	No	Certificate of Completion	No
Stagecraft	DH8743	02	F	No	Certificate of Completion	Yes
Theatrical Production	D101S	03	F	No	Certificate of Completion	No
TV Broadcast Journalism	DH114S	03	F	Yes	Certificate of Completion	Yes

BUSINESS & FINANCE SECTOR



BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Business Management/Ent	CH9251	02	G	Yes	Certificate of Completion	Yes

ENGINEERING & DESIGN SECTOR



ARCHITECTURAL DESIGN PATHWAY (150)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Architectural Design	DH7803	02	F	Yes	Certificate of Completion	Yes
Architectural Engineering	DH7813	03	F	No	Certificate of Completion	Yes

ENGINEERING DESIGN PATHWAY (152)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Robotics Design & Fab.	DH8993	02	G	No	Certificate of Completion	No
Engineering Design & Dev.	DH7893	03	G	Yes	Certificate of Completion	No
Engineering Mfg. Technology	DH6183	03	G	Yes	Certificate of Completion	No
Robotics Autonomous Sys.	CH9003	03	G	No	Certificate of Completion	No

ENGINEERING TECHNOLOGY PATHWAY (153)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Rapid Prototype	DH103S	02	F	Yes	Certificate of Completion	Yes

INFORMATION AND COMMUNICATIONS TECHNOLOGIES



SOFTWARE AND SYSTEMS DEVELOPMENT

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
AP Computer Science	CT4164	02	C	No	Certificate of Completion	No

FASHION & INTERIOR DESIGN SECTOR



FASHION DESIGN & MERCHANDISING PATHWAY (160)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Fashion Design	CH6743	02	F	Yes	Certificate of Completion	Yes

HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR



BIOTECHNOLOGY PATHWAY (196)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Biotechnology	DH7704	03	D	Yes	Certificate of Completion	Yes

PATIENT CARE PATHWAY (198)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Dental Assisting	CU8873	02	G	No	Certificate of Completion	No
Dental Assisting II	CU8874	03	G	No	Certificate of Completion	No
Medical/Hospital Careers	C4761	03	G	No	Certificate of Completion	No
Medical Core	CH8473	02	G	Yes	Certificate of Completion	Yes
Pharmacy Technician	C8403	02	G	No	Certificate of Completion	No
Sports Medicine	DU9443	02	D	Yes	Certificate of Completion	No
Surgical Technology, Intro	C6783	02	G	No	Certificate of Completion	No
Surgical Technology II	C7853	03	G	No	Certificate of Completion	Yes

HOSPITALITY, TOURISM & RECREATION SECTOR



FOOD SERVICE & HOSPITALITY PATHWAY (201)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Culinary Arts	CA8914	02	G	Yes	Certificate of Completion	No
Culinary Arts, Advanced	DA1391	03	G	Yes	Certificate of Completion	No
Culinary Baking	AD2243	03	N/A	Yes	Certificate of Completion	No

INFORMATION & COMMUNICATION TECHNOLOGIES SECTOR



SOFTWARE & SYSTEMS DEVELOPMENT PATHWAY (174)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
AP Computer Science	CT4163	02	C	No	Certificate of Completion	No

PUBLIC SERVICE SECTOR



PUBLIC SAFETY PATHWAY (232)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Administration of Justice	CH100F	02	G	No	Certificate of Completion	Yes
Forensic Science	DH7924	02	D	No	Certificate of Completion	Yes

EMERGENCY RESPONSE PATHWAY (233)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Emergency Med. Responder	C3470	02	N/A	No	Certificate of Completion	Yes
Emergency Medical Tech.	CH4671	02	G	No	Certificate of Completion	Yes
Fire Science	CA3361	02	G	Yes	Certificate of Completion	No

TRANSPORTATION SECTOR



SYSTEMS DIAGNOSTICS, SERVICE, & REPAIR PATHWAY (221)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Automotive Technology	DH9214	02	G	Yes	Certificate of Completion	Yes
Auto Mechanics	DA9882	03	G	Yes	Certificate of Completion	No

OPERATIONS PATHWAY (223)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Aviation Careers	CU1000	02	G	No	Certificate of Completion	No

**Courses denoted in orange are regional after-school courses available to all CUSD/LBUSD students*



UC “a-g” Approved CTE Courses

Aliso Niguel High School



Courses taken in high school that are approved by UC/CSU and appear on the institution's "a-g" course list meet the entrance requirements for the University of California (UC) and California State University (CSU) admittance. These courses are academically challenging, involve substantial reading, writing, problem solving and laboratory work (as appropriate), and show serious attention to analytical thinking, factual content and developing students' oral and listening skills.

a-g Subject Requirements	UC a-g Approved CTE Courses Available To Aliso Niguel High School Students
a – History/Social Science b – English c – Mathematics d – Laboratory Science e – Language other than English f – Visual and Performing Arts g – College-prep Elective <u>“c” – Requirement</u> <ul style="list-style-type: none"> AP Computer Science <u>“d” - Requirement</u> <ul style="list-style-type: none"> Biotechnology Forensic Science Sports Medicine <u>“f” – Requirement</u> <ul style="list-style-type: none"> Actors’ Repertory Architectural Design Digital Photography Drama 	<u>“f” – Requirement (continued)</u> <ul style="list-style-type: none"> Fashion Design Multimedia Design Rapid Prototype Stagecraft/ Stagecraft Intro TV Broadcast Journalism Video Production <u>“g” - Requirement</u> <ul style="list-style-type: none"> Automotive Technology Administration of Justice Aviation Careers Business Management/Entrepreneurship Culinary Arts Dental Assisting Emergency Medical Technician Engineering and Manufacturing Technology Fire Science Medical Core Medical/Hospital Careers Robotics & Autonomous Systems Robotics Design & Fabrication Surgical Technologist Intro & Advanced Veterinary Technician



Honors Weighted CTE Courses



Aliso Niguel High School

Students who earn a grade of "C-" or higher in these classes will receive an additional .5 GPA points, similar to that of an AP or IB course.

Honors Weighted Courses Available to Aliso Niguel High School Students

Teacher	Class Name
Golden	Actors' Repertory
Jindra*	Administration of Justice
Solorzano	Architectural Design
Mack	Automotive Technology
Murphy	Biotechnology
Whiteside	Business Management/Entrepreneurship
Ruhlen	Digital Photography
Johnson*	Emergency Medical Technician
Carlin*	Fashion Design
Sardegna*	Medical Core
Ruhlen	Multimedia Design
Solorzano	Rapid Prototype
Jung*	Robotics & Autonomous Systems
O'Brien*	Robotics Design & Fabrication
Golden	Stagecraft
Jones*	Surgical Technologist II
Ohnstad	TV Broadcast Journalism
Ohnstad	Video Production

(*) – Denotes an After-School class located on a different campus

Aliso Niguel High School

2019-20 Articulated CTE Courses

Earn College Credit!

Take this course in High School:		Articulates with this course:
Teacher	Course Title	Saddleback College Course Title
Golden	Actors' Repertory	Acting – TA I
Solorzano	Architectural Design	Introduction to CAD – ARCH 50
Mack	Auto Mechanics	Automotive Fundamentals – AUTO 100
Mack	Automotive Technology	Automotive Fundamentals – AUTO 100
Whiteside	Business Management/Entrepreneurship	Entrepreneurship - BUS 160
Graber*	Culinary Arts	Culinary Principles – FN 240
Sargent	Culinary Arts	Culinary Principles – FN 240
Sargent	Culinary Baking and Pastry	Baking Fundamentals – FN244
Sargent	Culinary/Foods Around the World	World Cuisines – FN 140
Ruhlen	Digital Photography	Digital Photography I – PHOT 50
Solorzano	Engineering and Manufacturing Tech.	Introduction to CAD – DR 50
Carlin*	Fashion Design	Intro to Fashion Industry and Careers - FASH 101
Ruhlen	Multimedia Design Honors	Into to Computer Graphics- GD147
Solorzano	Rapid Prototype	3D CAD Solidworks- MFG 204
Johnson	Sports Medicine	Introduction to Athletic Training – KNES 53
Ohnstad	TV Broadcast Journalism	Television Production I – CTVR 124
Ohnstad	Video Production	Video Production Basics – CTVR 101
Course Title		Santa Ana College Course Title
Mack	Automotive Technology	Auto Tech, Maintenance 002 Auto Tech, Essentials 006
Murphy	Biotechnology	Biology 190, Intro to Biotechnology Biology 190L, Introductory Biotech Lab
Di Francesco*	Fire Science	Fire Technology 101
Course Title		Coastline College Course Title
Whiteside	Business Management/Entrepreneurship	Small Business Operations
Sardegna*	Medical Core	Medical Office – C145
Course Title		Irvine Valley College Course Title
Murphy	Biotechnology	Biotechnology - 70 and 70L

(*) – Denotes an After-School Class located on a different campus

Student must earn a grade of "A" or "B" to receive College Credit

CAPISTRANO VALLEY HIGH SCHOOL

Capistrano Valley High School

CAREER TECHNICAL EDUCATION COURSES

Offered at CVHS

- Actors' Repertory
- Automotive Mechanics
- Automotive Technology
- Digital Photography
- Drama 1A
- Drama Adv
- 4-Yr Engineering Pathway
- Sports Medicine
- Stagecraft
- Stagecraft Intro
- TV Broadcast Journalism
- Video Production
- Video Production Adv
- Virtual Enterprise I & II

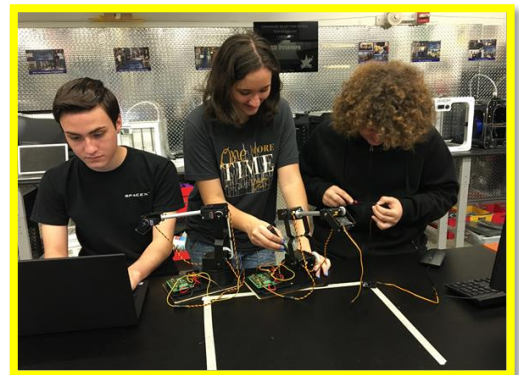
To register for classes
contact your High School
Academic Advisor

*For more information
contact:*

**COLLEGE AND CAREER
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(949)234-9464



After School Classes

- Administration of Justice
- Aviation Careers
- Business Management & Entrepreneurship
- Consumer Auto Mechanics
- Culinary Arts
- Dental Assisting I
- Emergency Medical Technician
- Fashion Design
- Fire Science

- Medical Core
- Medical/Hospital Careers
- Medical Innovation
- Robotics Design & Fabrication (Lower Level)
- Robotics/Autonomous Systems (Upper Level)
- Surgical Technician
- Surgical Technician Intro
- Veterinary Technician
- Veterinary Technician Adv



CAPISTRANO VALLEY HIGH SCHOOL

CAREER PATHWAYS



AGRICULTURE & NATURAL RESOURCES SECTOR



ANIMAL SCIENCE PATHWAY (103)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Veterinary Technician	CU101S	02	G	No	Certificate of Completion	No
Veterinary Technician, Adv.	CH102S	03	G	No	Certificate of Completion	Yes

ARTS, MEDIA & ENTERTAINMENT SECTOR



DESIGN, VISUAL, & MEDIA ARTS PATHWAY (111)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Video Production	DH8604	03	F	Yes	Certificate of Completion	Yes
Video Production, Advanced	DH8613	03	F	No	Certificate of Completion	Yes

PERFORMING ARTS PATHWAY (112)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Drama	DU5174	02	F	No	Certificate of Completion	No
Drama, Advanced	DU5184	02	F	No	Certificate of Completion	No
Actors' Repertory	DH6664	03	F	Yes	Certificate of Completion	Yes

PRODUCTION & MANAGERIAL ARTS PATHWAY (113)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Stagecraft Intro	DU112S	01	F	No	Certificate of Completion	No
Stagecraft	DH8743	02	F	No	Certificate of Completion	Yes
TV Broadcast Journalism	DH114S	03	F	Yes	Certificate of Completion	Yes

BUSINESS & FINANCE SECTOR



BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Business Management/Ent	CH9251	02	G	Yes	Certificate of Completion	Yes

ENGINEERING & DESIGN SECTOR



ENGINEERING DESIGN PATHWAY (152)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Engineering Design	DH6163	02	G	Yes	Certificate of Completion	Yes
Engineering Principles	DH8973	02	G	Yes	Certificate of Completion	Yes
Robotics Design & Fab.	CH8993	02	G	No	Certificate of Completion	Yes
Engineering Design & Dev.	DH7893	03	G	No	Certificate of Completion	Yes
Engineering Mfg. Technology	DH6183	03	G	Yes	Certificate of Completion	Yes
Robotics Autonomous Sys.	CH9003	03	G	No	Certificate of Completion	Yes

FASHION & INTERIOR DESIGN SECTOR



FASHION DESIGN & MERCHANDISING PATHWAY (160)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Fashion Design	CH6743	02	F	Yes	Certificate of Completion	Yes

HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR



PATIENT CARE PATHWAY (198)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Dental Assisting	CU8873	02	G	No	Certificate of Completion	No
Dental Assisting II	CU8874	03	G	No	Certificate of Completion	No
Medical/Hospital Careers	C4761	03	G	No	Certificate of Completion	No
Medical Core	CH8473	02	G	Yes	Certificate of Completion	Yes
Pharmacy Technician	C8403	02	G	No	Certificate of Completion	No
Sports Medicine	DU9443	02	D	Yes	Certificate of Completion	No
Surgical Technology, Intro	C6783	02	G	No	Certificate of Completion	No
Surgical Technology II	C7853	03	G	No	Certificate of Completion	Yes

HOSPITALITY, TOURISM & RECREATION SECTOR



FOOD SERVICE & HOSPITALITY PATHWAY (201)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Culinary Arts	CA8914	02	G	Yes	Certificate of Completion	No

PUBLIC SERVICE SECTOR



PUBLIC SAFETY PATHWAY (232)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Administration of Justice	CH100F	02	G	No	Certificate of Completion	Yes

EMERGENCY RESPONSE PATHWAY (233)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Emergency Med. Responder	C3470	02	N/A	No	Certificate of Completion	Yes
Emergency Medical Tech.	CH4671	02	G	No	Certificate of Completion	Yes
Fire Science	CA3361	02	G	Yes	Certificate of Completion	No

TRANSPORTATION SECTOR



SYSTEMS DIAGNOSTICS, SERVICE, & REPAIR PATHWAY (221)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Automotive Technology	DH9214	02	G	Yes	Certificate of Completion	Yes
Auto Mechanics	DA9882	03	G	Yes	Certificate of Completion	No

OPERATIONS PATHWAY (223)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Aviation Careers	CU1000	02	G	No	Certificate of Completion	No

**Courses denoted in orange are regional after-school courses available to all CUSD/LBUSD students*



UC "a-g" Approved CTE Courses

Capistrano Valley High School



Courses taken in high school that are approved by UC/CSU and appear on the institution's "a-g" course list meet the entrance requirements for the University of California (UC) and California State University (CSU) admittance. These courses are academically challenging, involve substantial reading, writing, problem solving and laboratory work (as appropriate), and show serious attention to analytical thinking, factual content and developing students' oral and listening skills.

a-g Subject Requirements	UC a-g Approved CTE Courses Available To Capistrano Valley High School Students
<p>a – History/Social Science</p> <p>b – English</p> <p>c – Mathematics</p> <p>d – Laboratory Science</p> <p>e – Language other than English</p> <p>f – Visual and Performing Arts</p> <p>g – College-prep Elective</p>	<p><u>"d" – Requirement</u></p> <ul style="list-style-type: none"> • Sports Medicine <p><u>"f" – Requirement</u></p> <ul style="list-style-type: none"> • Actors' Repertory • Advanced Video Production • Drama • Drama Advanced • Fashion Design • Stagecraft • Stagecraft Introduction • TV Broadcast Journalism • Video Production <p><u>"g" – Requirement</u></p> <ul style="list-style-type: none"> • Administration of Justice • Automotive Technology • Aviation Careers • Business Management/Entrepreneurship • Culinary Arts • Dental Assisting • Emergency Medical Technician • Engineering and Manufacturing Technology • Engineering Design and Development • Engineering Design • Engineering Principles • Fire Science • Introduction to Automotive Mechanics • Medical Core • Medical Hospital Careers • Robotics Autonomous Systems • Robotics Design and Fabrication • Surgical Technician • Veterinary Technician



Honors Weighted CTE Courses



Capistrano Valley High School

Students who earn a grade of “C-” or higher in these classes will receive an additional .5 GPA points, similar to that of an AP or IB course.

Honors Weighted Courses Available to Capistrano Valley High School Students

Teacher

Class Name

Tucker	Actors’ Repertory
Jindra*	Administration of Justice
Brannon	Automotive Technology
Whiteside*	Business Management/Entrepreneurship
Johnson*	Emergency Medical Technician
Bowie	Engineering and Manufacturing Technology
Bowie	Engineering Design and Development
Bowie	Engineering Design Intro
Bowie	Engineering Principles
Carlin*	Fashion Design
Sardegna*	Medical Core
Jung*	Robotics Autonomous Systems
O’Brien*	Robotics Design and Fabrication
Tucker	Stagecraft
Jones*	Surgical Technician II
Landino	TV Broadcast Journalism
Landino	Video Production

(*) – Denotes an After-School class located on a different campus

Capistrano Valley High School

2020-21 Articulated CTE Courses

Earn College Credit!

Take this course in High School:		Articulates with this course:
Teacher	Course Title	Saddleback College Course Title
Tucker	Actors' Repertory	Acting – TA I
Brannon	Auto Mechanics	Automotive Fundamentals –AUTO 100
Brannon	Automotive Technology	Automotive Fundamentals –AUTO 100
Whiteside*	Business Management/Entrepreneurship	Entrepreneurship – BUS 160
Sargent*	Culinary Arts	Culinary Principles – FN 240
Bowie	Engineering and Manufacturing Tech.	Introduction to CAD – DR 50
Bowie	Engineering Principles	3D Computer Aided Design – MFG 204
Carlin	Fashion Design	Intro to Fashion Careers - FASH 101
Cleek	Sports Medicine	Intro to Athletic Training – KNES 53
Landino	TV Broadcast Journalism	Television Production I – CVTR 124
Landino	Video Production	Video Production Basics – CTVR 101
Course Title		Santa Ana College Course Title
Brannon	Automotive Technology	Auto Tech, Maintenance 002
Di Francesco*	Fire Science	Auto Tech, Essentials 006
		Fire Technology 101
Course Title		Coastline College Course Title
Whiteside*	Business Management/Entrepreneurship	Small Business Operations
Sardegna	Medical Core	Medical Office C145
Course Title		Irvine Valley College Course Title
Bowie	Engineering Design	Intro to CAD – DR 50
		Eng. Drawing & Design – DR 101

(*) – Denotes an After-School Class located on a different campus

Student must earn a grade of "A" or "B" to receive College Credit

DANA HILLS HIGH SCHOOL

CAREER TECHNICAL EDUCATION COURSES

Offered at DHHS

- Actors Repertory
- Biotechnology
- Culinary Arts
- Dance
- Digital Media Arts
- Digital Photography
- Drama
- Forensic Science
- HMO Academy
- Multimedia Design
- Hotel & Hospitality Careers
- Physical Therapy Aide
- Renewable Energy Science
- SOCSA
- Sports Medicine
- Stagecraft
- Theatrical Production
- Video Production

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**COLLEGE AND CAREER
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Dana Hills High School



After School Classes

- Administration of Justice
- Aviation Careers
- Business Management & Entrepreneurship
- Consumer Auto Mechanics
- Culinary Arts
- Dental Assisting I
- Emergency Medical Technician
- Fashion Design

- Fire Science
- Medical Core
- Medical/Hospital Careers
- Robotics Design & Fabrication (Lower Level)
- Robotics/Autonomous Systems (Upper Level)
- Surgical Technician
- Veterinary Technician



DANA HILLS HIGH SCHOOL

CAREER PATHWAYS



AGRICULTURE & NATURAL RESOURCES SECTOR



ANIMAL SCIENCE PATHWAY (103)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Veterinary Technician	CU101S	02	G	No	Certificate of Completion	No
Veterinary Technician, Adv.	CH102S	03	G	No	Certificate of Completion	Yes

ARTS, MEDIA & ENTERTAINMENT SECTOR



DESIGN, VISUAL, & MEDIA ARTS PATHWAY (111)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
AP/2D Art & Design	CT554S	02	F	No	Certificate of Completion	No
Digital Media Art	D2972	02	N/A	No	Certificate of Completion	No
Digital Photography, SOCSA	DH109S	02	F	Yes	Certificate of Completion	Yes
Video Production	DH8604	03	F	Yes	Certificate of Completion	Yes
Video Production, Advanced	DH8614	03	F	No	Certificate of Completion	Yes

PERFORMING ARTS PATHWAY (112)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Drama, SOCSA	DU105S	01	F	No	Certificate of Completion	No
Drama, SOCSA, Advanced	DU106S	02	F	No	Certificate of Completion	No
Actors' Repertory, SOCSA	DH106S	03	F	Yes	Certificate of Completion	Yes
Dance Production, SOCSA	DU115S	03	F	No	Certificate of Completion	No
Theater Performer	CH8724	03	F	No	Certificate of Completion	Yes

PRODUCTION & MANAGERIAL ARTS PATHWAY (113)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Stagecraft Intro, SOCSA	DU104S	01	F	No	Certificate of Completion	No
Theatrical Production, SOCSA	DH108S	03	F	No	Certificate of Completion	Yes

BUSINESS & FINANCE SECTOR



BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Business Management/Ent	CH9251	02	G	Yes	Certificate of Completion	Yes

ENGINEERING & DESIGN SECTOR



ENGINEERING DESIGN PATHWAY (152)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Robotics Design & Fab.	CH8993	02	G	No	Certificate of Completion	Yes
Robotics Autonomous Sys.	CH9003	03	G	No	Certificate of Completion	Yes

FASHION & INTERIOR DESIGN SECTOR



FASHION DESIGN & MERCHANDISING PATHWAY (160)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Fashion Design	CH6743	02	F	Yes	Certificate of Completion	Yes

HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR



BIOTECHNOLOGY PATHWAY (196)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Biotechnology	DH7704	03	D	Yes	Certificate of Completion	Yes

PATIENT CARE PATHWAY (198)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Dental Assisting	CU8873	02	G	No	Certificate of Completion	No
HMO Health Science	D4014	02	G	No	Certificate of Completion	No
Medical Core	CH8473	02	G	Yes	Certificate of Completion	Yes
Pharmacy Technician	C8403	02	G	No	Certificate of Completion	No
Sports Medicine	DU9443	02	D	Yes	Certificate of Completion	No
Surgical Technology, Intro	CU6783	02	G	No	Certificate of Completion	No
Dental Assisting, Advanced	CU8874	03	G	No	Certificate of Completion	No
Medical/Hospital Careers	CU4005	03	G	No	Certificate of Completion	No
Physical Therapy Aide	DH1045	03	G	No	Certificate of Completion	Yes
Surgical Technology II	C7853	03	G	No	Certificate of Completion	Yes

HOSPITALITY, TOURISM & RECREATION SECTOR



FOOD SERVICE & HOSPITALITY PATHWAY (201)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Culinary Arts	CA8914	02	G	Yes	Certificate of Completion	No
Hotel/Hospitality Careers	DU7823	03	G	No	Certificate of Completion	No
Culinary Arts, Advanced	DA1391	03	G	Yes	Certificate of Completion	No

PUBLIC SERVICE SECTOR



PUBLIC SAFETY PATHWAY (232)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Administration of Justice	CH100F	02	G	No	Certificate of Completion	Yes
Forensic Science	DH7923	02	D	No	Certificate of Completion	Yes

EMERGENCY RESPONSE PATHWAY (233)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Emergency Med. Responder	C3470	02	N/A	No	Certificate of Completion	Yes
Emergency Medical Tech.	CH4671	02	G	No	Certificate of Completion	Yes
Fire Science	CA3361	02	G	Yes	Certificate of Completion	No

TRANSPORTATION SECTOR



SYSTEMS DIAGNOSTICS, SERVICE, & REPAIR PATHWAY (221)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Auto Mechanics	CA9882	03	G	Yes	Certificate of Completion	No

OPERATIONS PATHWAY (223)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Aviation Careers	CU1000	02	G	No	Certificate of Completion	No

MULTIPLE PATHWAYS (999)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Career Tech Skills Lab	DU1005	01	G	No	Certificate of Completion	No

**Courses denoted in orange are regional after-school courses available to all CUSD/LBUSD students*



UC "a-g" Approved CTE Courses



Dana Hills High School

Courses taken in high school that are approved by UC/CSU and appear on the institution's "a-g" course list meet the entrance requirements for the University of California (UC) and California State University (CSU) admittance. These courses are academically challenging, involve substantial reading, writing, problem solving and laboratory work (as appropriate), and show serious attention to analytical thinking, factual content and developing students' oral and listening skills.

a-g Subject Requirements	UC a-g Approved CTE Courses Available To Dana Hills High School Students
a – History/Social Science b – English c – Mathematics d – Laboratory Science e – Language other than English f – Visual and Performing Arts g – College-prep Elective <u>"d" – Requirement</u> <ul style="list-style-type: none"> • Biotechnology • Forensic Science • Sports Medicine <u>"f" – Requirement</u> <ul style="list-style-type: none"> • Actors' Repertory-SOCSA • Advanced Drama-SOCSA • AP2D Art & Design • Dance Production-SOCSA • Digital Photography-SOCSA • Drama-SOCSA 	<u>"f" – Requirement (continued)</u> <ul style="list-style-type: none"> • Fashion Design • Multimedia Design-SOCSA • Stagecraft Intro-SOCSA • Theater Production-SOCSA • Video Production/ Advanced Video Production <u>"g" – Requirement</u> <ul style="list-style-type: none"> • Administration of Justice • Aviation Careers • Business Management/Entrepreneurship • Culinary Arts • Dental Assisting • Emergency Medical Technician • Fire Science • Medical Core • Medical/Hospital Careers • Physical Therapy Aide • Renewable Energy Science • Robotics & Autonomous Systems • Robotics Design & Fabrication • Surgical Technologist Intro & Adv • Veterinary Technician Intro & Adv



Honors Weighted CTE Courses



Dana Hills High School

Students who earn a grade of “C-” or higher in these classes will receive an additional .5 GPA points, similar to that of an AP or IB course.

Honors Weighted Courses Available to Dana Hills High School Students

Teacher	Class Name
Longdon	Actors’ Repertory-SOCSA
Jindra*	Administration of Justice
Mack*/ Brannon*	Automotive Mechanics
Clarke	Biotechnology
Whiteside*	Business Management/Entrepreneurship
Hribar-Kelly	Digital Photography-SOCSA
Johnson*	Emergency Medical Technician
Carlin*	Fashion Design
Sardegna*	Medical Core
Nikolenko	Physical Therapy Aide
Jung*	Robotics & Autonomous Systems
O’Brien*	Robotics Design & Fabrication
Jones*	Surgical Technologist II
Longdon	Theater Production-SOCSA
Jones	Video Production
Jones	Video Production, Advanced

(*) – Denotes an After-School class located on a different campus

Dana Hills High School

2020-21 Articulated CTE Courses

Earn College Credit!

Take this course in High School:		Articulates with this course:
Teacher	Course Title	Saddleback College Course Title
Longdon	Actors' Repertory, SOCSA	Acting – TA I
Hribar-Kelly	AP Studio Art & 2D Design	Digital Photography I – PHOT 50
Mack*/Brannon*	Automotive Mechanics	Automotive Fundamentals -AUTO 100
Whiteside*	Business Mgmt/Entrepreneurship	Entrepreneurship - BUS 160
Boyle	Culinary Arts	Culinary Principles I – FN 240
Graber*	Culinary Arts	Culinary Principles I – FN 240
Hribar-Kelly	Digital Photography, SOCSA	Digital Photography I – PHOT 50
Carlin*	Fashion Design	Intro Fashion Careers – FASH 101
Hribar-Kelly	Multimedia Design, SOCSA	Intro to Computer Graphics, GD 147
Nikolenko	Sports Medicine	Introduction to Athletic Training – KNES 53
Jones	Video Production	Video Production Basics - CTVR 101
Course Title		Santa Ana College Course Title
Mack*/Brannon*	Automotive Mechanics	Auto Tech, Maintenance 002 Auto Tech, Essentials 006
Clarke	Biotechnology	Biology 190, Intro to Biotechnology Biology 190L, Introductory Biotech Lab
Di Francesco*	Fire Science	Fire Technology 101
Course Title		Coastline College Course Title
Whiteside*	Business Mgmt/Entrepreneurship	Small Business Operations
Garcia/Wingen	Medical Core	Medical Office C145
Sardegna*		
Course Title		Irvine Valley College Course Title
Clarke	Biotechnology	Biotechnology - 70 and 70L

(*) – Denotes an After-School Class located on a different campus

Student must earn a grade of "A" or "B" to receive College Credit

LAGUNA BEACH HIGH SCHOOL

Laguna Beach High School

Career Pathways



AGRICULTURE & NATURAL RESOURCES SECTOR



ANIMAL SCIENCE PATHWAY (103)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Veterinary Technician	7140CC	02	"g"	NO	YES
Veterinary Technician Advanced Honors	7143CC	03	"g"	NO	YES

ARTS, MEDIA & ENTERTAINMENT SECTOR



GRAPHIC DESIGN PATHWAY (111A)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Multimedia Production	5621	01	"f"	YES - SB	NO
Multimedia Design Honors	7217CC	02	"f"	YES - SB	NO
Multimedia Design Advanced	5714	02	NO	NO	NO
3D Media Design Honors	5751	03	"f"	YES - SB	NO

VISUAL/COMMERCIAL ARTS PATHWAY (111C)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Art Production 2	7217	02	"f"	NO	NO
AP 2D Art & Design	A439	03	"f"	NO	NO
AP Drawing	A438	03	"f"	NO	NO
Art Entrepreneurship	7218	03	"f"	NO	NO

PROFESSIONAL THEATRE PATHWAY (112C)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Theatre Performance	7238	02	"f"	NO	NO
Musical Theatre	5742	03	"f"	YES - SB	NO
Theatre II	5743	03	"f"	YES - SB	NO

DANCE/CHOREOGRAPHY PATHWAY (112A)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Dance II	5718A	02	"f"	NO	NO
Dance III	5718B	03	"f"	NO	NO

BUSINESS & FINANCE SECTOR



BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Business Management/ Entrepreneurship Honors	7411CC	02	"g"	YES - CL & SB	NO

ENGINEERING & ARCHITECTURE SECTOR



ENGINEERING DESIGN PATHWAY (152)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Engineering Design	CCA	02	"g"	YES - IVC	YES

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Robotics Fundamentals	CCA	02	"g"	NO	NO
Robotics Design & Fabrication Honors	8103CC	02	"g"	NO	NO
Robotics Systems Integration	CCA	02	"g"	NO	NO
Robotics & Autonomous Systems Honors	8105CC	03	"g"	NO	NO

FASHION & INTERIOR DESIGN SECTOR



FASHION DESIGN & MERCHANDISING PATHWAY (160)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Fashion Design Honors	7812CC	02	"f"	YES - SB	NO

HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR



PATIENT CARE PATHWAY (198)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Dental Assisting I	7920CC	02	"g"	NO	YES
Dental Assisting II	7921CC	03	"g"	NO	YES
Medical Core Honors	7900C2	02	"g"	YES - CL	YES
Medical/Hospital Careers	7922CC	03	"g"	NO	YES
Pharmacy Technician	CCA	02	"g"	NO	NO
Sports Medicine	CCA	02	"d"	YES - SB	YES
Surgical Technology Intro	7921C1	02	"g"	NO	YES
Surgical Technology II Honors	7921C2	03	"g"	NO	YES

HOSPITALITY, TOURISM & RECREATION SECTOR



FOOD SERVICE & HOSPITALITY PATHWAY (201)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Culinary Arts	8021CC	02	"g"	YES - SB	YES

INFORMATION & COMMUNICATION TECHNOLOGIES SECTOR



SOFTWARE & SYSTEMS DEVELOPMENT PATHWAY (174)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
AP Computer Science Principles	2472	02	"d"	NO	NO
AP Computer Science A	2470	03	"c"	NO	NO
App Development	8135	03	"g"	NO	NO

PUBLIC SERVICES SECTOR



PUBLIC SAFETY PATHWAY (232)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Forensic Science	CCA	02	"d"	NO	NO
Administration of Justice Honors	8413CC	02	"g"	NO	NO

EMERGENCY RESPONSE PATHWAY (233)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Emergency Medical Technician Honors	8422CC	03	"g"	NO	YES
Fire Science	8422C3	02	"g"	YES - SA	NO

TRANSPORTATION SECTOR



OPERATIONS PATHWAY (223)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Aviation Careers	8510CC	02	"g"	NO	NO

SYSTEMS DIAGNOSTICS, SERVICE, & REPAIR PATHWAY (221)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>
Consumer Auto Mechanics	8534CC	02	"g"	YES - SA & SB	YES
Auto Technology Honors	8533CC	03	"g"	YES - SA & SB	YES

Articulation Codes:

CL = [Coastline College](#)

IVC = [Irvine Valley College](#)

SA = [Santa Ana College](#)

SB = [Saddleback College](#)

CAREER TECHNICAL EDUCATION COURSES

Offered at LBHS

- 3D Media Design
- AP Computer Science A
- AP Computer Science Principles
- AP Studio Art 2D Design
- AP Studio Art Drawing
- App Development
- Art Entrepreneurship
- Art Production I
- Art Production II
- Dance Company
- Dance II
- Dance III
- Dance IV
- Medical Core
- Multimedia Design
- Multimedia Production
- Musical Theatre
- Theatre I
- Theatre II
- Theatre Performance

To register for classes contact
your High School Academic
Advisor

For more information contact:

**COLLEGE AND CAREER
ADVANTAGE**

WWW.CCADVANTAGE.ORG

(949)234-9464

Laguna Beach High School



After School Classes

- Administration of Justice
- Aviation Careers
- Business Management & Entrepreneurship
- Culinary Arts
- Dental Assisting I
- Emergency Medical Technician
- Fashion Design
- Fire Science

- Medical Core
- Medical/Hospital Careers
- Robotics Design & Fabrication (Lower Level)
- Robotics/Autonomous Systems (Upper Level)
- Surgical Technician
- Veterinary Technician





UC “a-g” Approved CTE Courses



Laguna Beach High School

Courses taken in high school that are approved by UC/CSU and appear on the institution's "a-g" course list meet the entrance requirements for the University of California (UC) and California State University (CSU) admittance. These courses are academically challenging, involve substantial reading, writing, problem solving and laboratory work (as appropriate), and show serious attention to analytical thinking, factual content and developing students' oral and listening skills.

a-g Subject Requirements	UC a-g Approved CTE Courses Available To San Clemente High School Students
<p>a – History/Social Science</p> <p>b – English</p> <p>c – Mathematics</p> <p>d – Laboratory Science</p> <p>e – Language other than English</p> <p>f – Visual and Performing Arts</p> <p>g – College-prep Elective</p> <p><u>“c” – Requirement</u></p> <ul style="list-style-type: none"> • AP Computer Science A <p><u>“d” – Requirement</u></p> <ul style="list-style-type: none"> • AP Computer Science Principles <p><u>“f” – Requirement</u></p> <ul style="list-style-type: none"> • 3D Media Design • AP Studio Art – 2D • AP Studio Art – Drawing • Art Entrepreneurship • Art Production 1 • Art Production 2 • Dance Company 	<p><u>“f” – Requirement continued</u></p> <ul style="list-style-type: none"> • Dance II • Dance III • Dance IV • Multimedia Design • Multimedia Production • Musical Theatre • Fashion Design • Theatre 1 • Theatre 2 • Theatre Performance <p><u>“g” – Requirement</u></p> <ul style="list-style-type: none"> • Administration of Justice • Automotive Mechanics • Aviation Careers • Business Management/Entrepreneurship • Culinary Arts • Dental Assisting • Emergency Medical Technician • Fire Science • Medical Core • Medical Hospital/Careers • Robotics & Autonomous Systems • Robotics Design & Fabrication • Surgical Technologist Intro & Adv • Veterinary Technician Intro & Adv



Honors Weighted CTE Courses



Laguna Beach High School

Students who earn a grade of “C-” or higher in these classes will receive an additional .5 GPA points, similar to that of an AP or IB course.

Honors Weighted Courses Available to San Clemente High School Students

Teacher	Class Name
Friedman-de Leon*	Medical Core
Wittkop	Multimedia Design

(*) – Denotes an After-School class located on a different campus

Laguna Beach High School

2020-2021 Articulated CTE

Earn College Credit!

Take this course in High School:		Articulates with this course:
Teacher	Course Title	Saddleback College Course Title
Wittkop	3D Media Design	3D Parametric Modeling Solidworks – DR 200
Mack*	Automotive Technology	Automotive Fundamentals – AUTO 100
Brannon*	Business Mgmt/Entrepreneurship	Entrepreneurship – BUS 160
Whiteside*	Culinary Arts	Culinary Principles I – FN 240
Sargent*	Fashion Design	Intro to Fashion Careers – FASH 101
Carlin*	Multimedia Production	Intro to Screen Printing – GC 63/ART63
Wittkop	Street Law	Personal Law, Street Law – BUS 16
TBD*	Theatre 2	Fundamentals of Acting – TA1
Del-Pizza Howell		
	Course Title	Santa Ana College Course Title
Mack*	Automotive Technology	Auto Tech, Maintenance 002
Brannon*	Fire Science	Auto Tech, Essentials 006
DiFrancesco*		Fire Technology 101
	Course Title	Coastline College Course Title
Whiteside*	Business Mgmt/Entrepreneurship	Small Business Operations
Friedman-de Leon	Medical Core	Medical Office C145
Sardenga*		

(*) – Denotes an After-School Class located on a different campus

Student must earn a grade of "A" or "B" to receive College Credit

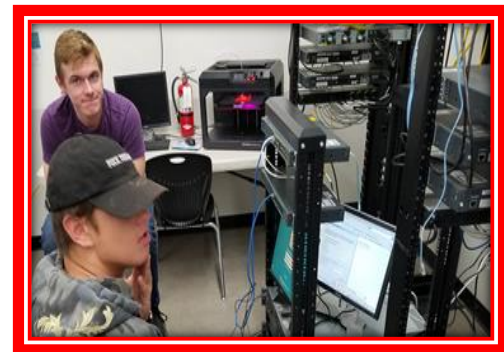
SAN CLEMENTE HIGH SCHOOL

**CAREER TECHNICAL EDUCATION
COURSES**

San Clemente High School

Offered at SCHS

- 3D Media Design
- Art of Animation
- Automotive Technology Academy
- Catering and Event Planning
- Culinary Arts
- CISCO IT Essentials
- Digital Photography
- Engineering Pathway
- Game Design
- Rapid Prototype
- Robotics Design and Fabrication
- Robotics Fundamentals
- Stagecraft
- Theater Performer
- Video Production



After School Classes

- Administration of Justice
- Aviation Careers
- Business Management & Entrepreneurship
- Consumer Auto Mechanics
- Culinary Arts
- Dental Assisting I
- Emergency Medical Technician
- Fashion Design
- Fire Science

- Medical Core
- Medical/Hospital Careers
- Medical Innovation
- Robotics Design & Fabrication (Lower Level)
- Robotics/Autonomous Systems (Upper Level)
- Surgical Technician
- Surgical Technician Intro
- Veterinary Technician
- Veterinary Technician Adv

To register for classes
contact your High School
Academic Advisor

*For more information
contact:*

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SAN CLEMENTE HIGH SCHOOL

CAREER PATHWAYS



AGRICULTURE & NATURAL RESOURCES SECTOR



ANIMAL SCIENCE PATHWAY (103)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Veterinary Technician	CU101S	02	G	No	Certificate of Completion	No
Veterinary Technician, Adv.	CH102S	03	G	No	Certificate of Completion	Yes

ARTS, MEDIA & ENTERTAINMENT SECTOR



DESIGN, VISUAL, & MEDIA ARTS PATHWAY (111)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
3D Media Design	DH7693	02	F	Yes	Certificate of Completion	Yes
Digital Photography	DH6113	02	F	Yes	Certificate of Completion	Yes
Video Production	DH8603	02	F	Yes	Certificate of Completion	Yes

PERFORMING ARTS PATHWAY (112)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Theater Performer	CH8723	03	F	No	Certificate of Completion	Yes

PRODUCTION & MANAGERIAL ARTS PATHWAY (113)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Stagecraft	CH8743	02	F	No	Certificate of Completion	Yes

GAME DESIGN & INTEGRATION PATHWAY (114)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Art of Animation	DH6703	02	F	Yes	Certificate of Completion	Yes
Game Design	DH9343	03	G	Yes	Certificate of Completion	Yes

BUSINESS & FINANCE SECTOR



BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Business Management/Ent	CH9251	02	G	Yes	Certificate of Completion	Yes

ENGINEERING & DESIGN SECTOR



ENGINEERING DESIGN PATHWAY (152)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Engineering Design	DH6163	02	G	Yes	Certificate of Completion	Yes
Engineering Principles	DH8973	02	G	Yes	Certificate of Completion	Yes
Robotics Design & Fab.	CH8993	02	G	No	Certificate of Completion	Yes
Robotics Fundamentals	DH9000	02	G	No	Certificate of Completion	Yes
Robotics Autonomous Sys.	CH9003	03	G	No	Certificate of Completion	Yes

ENGINEERING TECHNOLOGY PATHWAY (153)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Rapid Prototype	DH103S	02	F	Yes	Certificate of Completion	Yes

FASHION & INTERIOR DESIGN SECTOR



FASHION DESIGN & MERCHANDISING PATHWAY (160)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Fashion Design	CH6743	02	F	Yes	Certificate of Completion	Yes

HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR



PATIENT CARE PATHWAY (198)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Dental Assisting	CU8873	02	G	No	Certificate of Completion	No
Dental Assisting II	CU8874	03	G	No	Certificate of Completion	No
Medical/Hospital Careers	C4761	03	G	No	Certificate of Completion	No
Medical Core	CH8473	02	G	Yes	Certificate of Completion	Yes
Pharmacy Technician	C8403	02	G	No	Certificate of Completion	No
Surgical Technology, Intro	C6783	02	G	No	Certificate of Completion	No
Surgical Technology II	C7853	03	G	No	Certificate of Completion	Yes

HOSPITALITY, TOURISM & RECREATION SECTOR



FOOD SERVICE & HOSPITALITY PATHWAY (201)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Culinary Arts	DU6364	02	G	Yes	Certificate of Completion	No
Catering & Event Planning	DH8903	03	G	No	Certificate of Completion	Yes

INFORMATION & COMMUNICATION TECHNOLOGIES SECTOR



NETWORKING PROGRAM PATHWAY (172)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
CISCO IT Essentials	DA8093	02	G	Yes	Certificate of Completion	No

PUBLIC SERVICE SECTOR



PUBLIC SAFETY PATHWAY (232)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Administration of Justice	CH100F	02	G	No	Certificate of Completion	Yes

EMERGENCY RESPONSE PATHWAY (233)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Emergency Med. Responder	C3470	02	N/A	No	Certificate of Completion	Yes
Emergency Medical Tech.	CH4671	02	G	No	Certificate of Completion	Yes
Fire Science	CA3361	02	G	Yes	Certificate of Completion	No

TRANSPORTATION SECTOR



SYSTEMS DIAGNOSTICS, SERVICE, & REPAIR PATHWAY (221)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Advanced Diagnostics	D3984	02	N/A	No	Certificate of Completion	No
Automotive Technology	DH9214	02	G	Yes	Certificate of Completion	Yes
Intro to Auto Mechanics	DA9212	02	G	No	Certificate of Completion	No
Auto Mechanics	DA9882	03	G	Yes	Certificate of Completion	No

OPERATIONS PATHWAY (223)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Aviation Careers	CU1000	02	G	No	Certificate of Completion	No

**Courses denoted in orange are regional after-school courses available to all CUSD/LBUSD students*



UC “a-g” Approved CTE Courses



San Clemente High School

Courses taken in high school that are approved by UC/CSU and appear on the institution's "a-g" course list meet the entrance requirements for the University of California (UC) and California State University (CSU) admittance. These courses are academically challenging, involve substantial reading, writing, problem solving and laboratory work (as appropriate), and show serious attention to analytical thinking, factual content and developing students' oral and listening skills.

a-g Subject Requirements	UC a-g Approved CTE Courses Available To San Clemente High School Students
<p>a – History/Social Science</p> <p>b – English</p> <p>c – Mathematics</p> <p>d – Laboratory Science</p> <p>e – Language other than English</p> <p>f – Visual and Performing Arts</p> <p>g – College-prep Elective</p> <p><u>“f” – Requirement</u></p> <ul style="list-style-type: none"> • 3D Media Design • Art of Animation • Actors’ Repertory • Digital Photography • Fashion Design • Rapid Prototype • Stagecraft • Theater Performer • Video Production 	<p><u>“g” – Requirement</u></p> <ul style="list-style-type: none"> • Administration of Justice • Automotive Technology • Aviation Careers • Business Management/Entrepreneurship • Catering and Event Planning • Culinary Arts • Dental Assisting • Emergency Medical Technician • Engineering Design • Engineering Principles • Fire Science • Game Design • Medical Core • Medical/Hospital Careers • Robotics & Autonomous Systems • Robotics Design & Fabrication • Surgical Technologist Intro & Adv • Veterinary Technician Intro & Adv



Honors Weighted CTE Courses



San Clemente High School

Students who earn a grade of “C-” or higher in these classes will receive an additional .5 GPA points, similar to that of an AP or IB course.

Honors Weighted Courses Available to San Clemente High School Students

Teacher	Class Name
Bryan	3D Media Design
Jindra*	Administration of Justice
Bryan	Art of Animation
Mack*/Brannon*	Automotive Mechanics
Selff	Automotive Technology
Whiteside*	Business Management/Entrepreneurship
Graber	Catering & Event Planning
Mack	Digital Photography
Johnson*	Emergency Medical Technician
Andre	Engineering Design
Andre	Engineering Principles
Carlin*	Fashion Design
Bryan	Game Design
Sardegna*	Medical Core
Andre	Rapid Prototype
Andre/Jung*	Robotics & Autonomous Systems
Andre/O’Brien*	Robotics Design & Fabrication
McCleary	Stagecraft
Jones*	Surgical Technologist II
McCleary	Theater Performer
Bisch	Video Production

(*) – Denotes an After-School class located on a different campus

San Clemente High School

2020-21 Articulated CTE Courses

Earn College Credit!

Take this course in High School:		Articulates with this course:
Teacher	Course Title	Saddleback College Course Title
Bryan	3D Media Design	3D Parametric Modeling Solidworks – DR200
Bryan	Art of Animation	Digital Animation – GD 150
Selff	Auto Mechanics	Automotive Fundamentals - AUTO 100
Selff	Automotive Technology	Automotive Fundamentals – AUTO 100
Whiteside*	Business Mgmt/Entrepreneurship	Entrepreneurship - BUS 160
O'Rourke	CISCO IT Networking	Applied Network Technology- CMT 230
Selff	Consumer Automotive	Automotive Fundamentals – AUTO 100
Graber/ Sargent*	Culinary Arts	Culinary Principles I – FN 240
Mack	Digital Photography	Digital Photography I – PHOT 50
Andre	Engineering Design/Principles	3D Computer Aided Design – MFG 204
South*	Fashion Design	Intro to Fashion Careers - FASH 101
Bryan	Game Design	Intro to Computer and Video Game Design- CIMP 230
Andre	Rapid Prototype	3D CAD Solidworks- MFG 204
Bisch	Video Production	Video Production Basics - CTVR 101
Course Title		Santa Ana College Course Title
Selff	Automotive Mechanics	Auto Tech, Maintenance 002
Mack*/Brannon*		Auto Tech, Essentials 006
Di Francesco*	Fire Science	Fire Technology 101
Course Title		Coastline College Course Title
Whiteside*	Business Mgmt/Entrepreneurship	Small Business Operations
Sardegna*	Medical Core	Medical Office C145

(*) – Denotes an After-School Class located on a different campus

Student must earn a grade of "A" or "B" to receive College Credit

SAN JUAN HILLS HIGH SCHOOL

CAREER TECHNICAL EDUCATION COURSES

Offered at SJHHS

- Actors Repertory
- Art of Graphic Design
- Biotechnology
- Building & Industrial Trades
- Computer Applications
- Criminal Justice
- Dance
- Digital Photography
- Drama
- Emergency Responder
- Forensic Psychology
- Forensic Science
- Graphic Production
- Intro to Business
- Law Pathway
- Administration of Justice
- Medical/Hospital Careers
- Sports Medicine
- Stagecraft
- Street Law / Trial Law
- Theatrical Production
- TV Broadcast Journalism
- Video Production
- Virtual Enterprise

To register for classes contact your
High School Academic Advisor

For more information contact:
COLLEGE AND CAREER ADVANTAGE
WWW.CCADVANTAGE.ORG

(949)234-9464

San Juan Hills High School CTE



After School Classes

- Audio & Music Production
- Automotive Technology
- Aviation Careers
- Business Management & Entrepreneurship
- Consumer Auto Mechanics
- Culinary Arts
- Dental Assisting I
- Emergency Medical Technician
- E-Sports
- Fashion Design
- Fire Science

- Medical Core
- Medical/Hospital Careers
- Programming & Coding
- Robotics Fundamentals (Level I)
- Robotics Design & Fabrication (Level 2)
- Robotics System Int. (Level 3)
- Robotics/Autonomous sys. (Level 4)
- Screenplay to Oscar
- Surgical Technician
- Veterinary Technician



SAN JUAN HILLS HIGH SCHOOL

CAREER PATHWAYS



AGRICULTURE & NATURAL RESOURCES SECTOR



ANIMAL SCIENCE PATHWAY (103)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Veterinary Technician	CU101S	02	G	No	Certificate of Completion	No
Veterinary Technician, Adv.	CH102S	03	G	No	Certificate of Completion	Yes

ARTS, MEDIA & ENTERTAINMENT SECTOR



DESIGN, VISUAL, & MEDIA ARTS PATHWAY (111)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
AP/2D Art & Design	CT554S	02	F	Yes	Certificate of Completion	No
Art of Graphic Design	DH8623	02	F	Yes	Certificate of Completion	Yes
Digital Photography	DH6113	02	F	Yes	Certificate of Completion	Yes
Multimedia Design	D8733	02	F	No	Certificate of Completion	Yes
Graphic Production Tech.	DH8654	03	F	Yes	Certificate of Completion	Yes
Video Production	DH8603	03	F	Yes	Certificate of Completion	Yes

PERFORMING ARTS PATHWAY (112)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Dance Performer	DU4153	02	F	No	Certificate of Completion	No
Drama	DU5174	02	F	No	Certificate of Completion	No
Drama, Advanced	DU5184	02	F	No	Certificate of Completion	No
Actors' Repertory	DH6663	02	F	Yes	Certificate of Completion	Yes

PRODUCTION & MANAGERIAL ARTS PATHWAY (113)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Stagecraft Intro	DU112S	01	F	No	Certificate of Completion	No
Stagecraft	DH8743	02	F	No	Certificate of Completion	Yes

PRODUCTION & MANAGERIAL ARTS PATHWAY (113) - Continued

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Theatrical Production	DU113S	03	F	No	Certificate of Completion	No
TV Broadcast Journalism	DU114S	03	F	Yes	Certificate of Completion	Yes

BUILDING & CONSTRUCTION TRADES SECTOR



RESIDENTIAL & COMMERCIAL CONSTRUCTION PATHWAY (123)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
BITA – 1	DU9363	02	G	No	Certificate of Completion	No
BITA – 2	DU9373	03	G	No	Certificate of Completion	No
BITA – 3	DU9384	03	G	No	Certificate of Completion	No

BUSINESS & FINANCE SECTOR



BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Accounting	DH9233	02	G	Yes	Certificate of Completion	Yes
Business Management/Ent	CH9251	02	G	Yes	Certificate of Completion	Yes
Virtual Enterprise	DU101S	02	G	Yes	Certificate of Completion	Yes
Virtual Enterprise II	DH105S	03	G	Yes	Certificate of Completion	Yes

FASHION & INTERIOR DESIGN SECTOR



FASHION DESIGN & MERCHANDISING PATHWAY (160)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Fashion Design	CH6743	02	F	Yes	Certificate of Completion	Yes

HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR



BIOTECHNOLOGY PATHWAY (196)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Biotechnology	DH7704	03	D	Yes	Certificate of Completion	Yes

PATIENT CARE PATHWAY (198)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Dental Assisting	CU8873	02	G	No	Certificate of Completion	No
Dental Assisting II	CU8874	03	G	No	Certificate of Completion	No
Medical/Hospital Careers	C4761	03	G	No	Certificate of Completion	No

PATIENT CARE PATHWAY (198) – Continued

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Medical Core	CH8473	02	G	Yes	Certificate of Completion	Yes
Pharmacy Technician	C8403	02	G	No	Certificate of Completion	No
Sports Medicine	DU9443	02	D	Yes	Certificate of Completion	No
Surgical Technology, Intro	C6783	02	G	No	Certificate of Completion	No
Surgical Technology II	C7853	03	G	No	Certificate of Completion	Yes

HOSPITALITY, TOURISM & RECREATION SECTOR



FOOD SERVICE & HOSPITALITY PATHWAY (201)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Culinary Arts	CA8914	02	G	Yes	Certificate of Completion	No

PUBLIC SERVICE SECTOR



LEGAL PRACTICES PATHWAY (231)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Criminal Psychology	DH1014	02	G	No	Certificate of Completion	Yes

PUBLIC SAFETY PATHWAY (232)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Administration of Justice	CH100F	02	G	No	Certificate of Completion	Yes
Forensic Science	DH7924	02	D	No	Certificate of Completion	Yes

EMERGENCY RESPONSE PATHWAY (233)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Emergency Med. Responder	C3470	02	N/A	No	Certificate of Completion	Yes
Emergency Medical Tech.	CH4671	02	G	No	Certificate of Completion	Yes
Fire Science	CA3361	02	G	Yes	Certificate of Completion	No

TRANSPORTATION SECTOR



SYSTEMS DIAGNOSTICS, SERVICE, & REPAIR PATHWAY (221)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Auto Mechanics	CA9882	03	G	Yes	Certificate of Completion	No

OPERATIONS PATHWAY (223)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Aviation Careers	CU1000	02	G	No	Certificate of Completion	No

**Courses denoted in orange are regional after-school courses available to all CUSD/LBUSD students*



UC "a-g" Approved CTE Courses

San Juan Hills High School



Courses taken in high school that are approved by UC/CSU and appear on the institution's "a-g" course list meet the entrance requirements for the University of California (UC) and California State University (CSU) admittance. These courses are academically challenging, involve substantial reading, writing, problem solving and laboratory work (as appropriate), and show serious attention to analytical thinking, factual content and developing students' oral and listening skills.

a-g Subject Requirements	UC a-g Approved CTE Courses Available To San Juan Hills High School Students
a – History/Social Science b – English c – Mathematics d – Laboratory Science e – Language other than English f – Visual and Performing Arts g – College-prep Elective	<p><u>"d" – Requirement</u></p> <ul style="list-style-type: none"> • Biotechnology • Forensic Science • Sports Medicine <p><u>"f" – Requirement</u></p> <ul style="list-style-type: none"> • Actors' Repertory • AP 2D Art & Design • Art of Graphic Design • Dance Performance • Digital Photography • Drama • Drama Advanced • Fashion Design • Graphic Production Technologies • Multimedia Design • Stagecraft • Stagecraft Introduction • Theatrical Production • TV Broadcast Journalism • Video Production <p><u>"g" – Requirement</u></p> <ul style="list-style-type: none"> • Accounting • Administration of Justice • Automotive Technology • Aviation Careers • Building and Industrial Trades Academy • Business Management/Entrepreneurship • Criminal Psychology • Culinary Arts • Dental Assisting • Emergency Medical Technician • Fire Science • Introduction to Automotive Mechanics • Medical Core • Medical Hospital Careers • Robotics Autonomous Systems • Robotics Design and Fabrication • Surgical Technician • Veterinary Technician • Virtual Enterprise



Honors Weighted CTE Courses



San Juan Hills High School

Students who earn a grade of “C-” or higher in these classes will receive an additional .5 GPA points, similar to that of an AP or IB course.

Honors Weighted Courses Available to San Juan Hills High School Students

Teacher	Class Name
Wooten	Accounting
Graff	Actors’ Repertory
Jindra*	Administration of Justice
Ramirez	Art of Graphic Design
Miyamoto	Biotechnology
Whiteside*	Business Management/Entrepreneurship
Magana	Criminal Psychology
Norgren	Digital Photography
Johnson*	Emergency Medical Technician
Carlin*	Fashion Design
Ramirez	Graphic Production Technologies
Sardegna*	Medical Core
Jung*	Robotics Autonomous Systems
O’Brien*	Robotics Design and Fabrication
Graff	Stagecraft
Jones*	Surgical Technician II
Meltreger	TV Broadcast Journalism
Meltreger	Video Production
Wooten	Virtual Enterprise

(*) – Denotes an After-School class located on a different campus

San Juan Hills High School

2020-21 Articulated CTE Courses

Earn College Credit!

Take this course in High School:		Articulates with this course:
Teacher	Course Title	Saddleback College Course Title
Wooten	Accounting	General Accounting – ACCT 215
Graff	Actors Repertory	Fundamentals of Acting – TA 1
Norgren	AP2D Art and Design	Digital Photography 1 – PHOT 50
Mack*/Brannon*	Automotive Mechanics	Automotive Fundamentals – AUTO 100
Whiteside*	Business Mgmt/Entrepreneurship	Entrepreneurship - BUS 160
Sargent*	Culinary Arts	Culinary Principles – FN 240
Norgren	Digital Photography	Digital Photography I – PHOT 50
Carlin*	Fashion Design	Intro to Fashion Careers - FASH 101
Ramirez	Graphic Production Technologies	Intro to Computer Graphics – GD 147
Ohlen	Sports Medicine	Introduction to Athletic Training – KNES 53
Meltreger	TV Broadcast Journalism	Television Production I – CTVR 124
Meltreger	Video Production	Video Production Basics - CTVR 101
Wooten	Virtual Enterprise	Entrepreneurship - BUS 160
Course Title		Santa Ana College Course Title
Miyamoto	Biotechnology	Biology 190, Intro to Biotechnology Biology 190L, Introductory Biotech Lab
Di Francesco*	Fire Science	Fire Technology 101
Course Title		Coastline College Course Title
Whiteside*	Business Mgmt/Entrepreneurship	Small Business Operations
Sardegna*	Medical Core	Medical Office C145
Course Title		Irvine Valley College Course Title
Miyamoto	Biotechnology	Biotechnology - 70 and 70L

(*) – Denotes an After-School Class located on a different campus

Student must earn a grade of "A" or "B" to receive College Credit

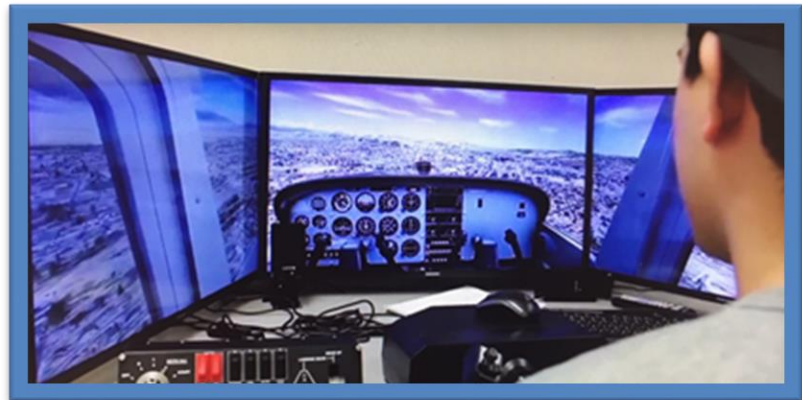
TESORO HIGH SCHOOL

Tesoro High School

CAREER TECHNICAL EDUCATION COURSES

Offered at THS

- Accounting
- Actors Repertory
- Aviation Careers
- Business Management & Entrepreneurship
- Careers in Teaching
- Chemistry & Environmental
- Child/Adolescent Literature
- Commercial Music
- Computer Applications
- Engineering
- Digital Photography
- Drama
- Environmental Field Studies
- Medical Core
- Multimedia Design
- Sports Medicine
- Theatrical Production
- TV Broadcast Journalism
- Video Production



After School Classes

- Administration of Justice
- Aviation Careers
- Business Management & Entrepreneurship
- Consumer Auto Mechanics
- Culinary Arts
- Dental Assisting I
- Emergency Medical Technician
- Fashion Design

- Fire Science
- Medical Core
- Medical/Hospital Careers
- Robotics Design & Fabrication (Lower Level)
- Robotics/Autonomous Systems (Upper Level)
- Surgical Technician
- Veterinary Technician

To register for classes
contact your High School
Academic Advisor

*For more information
contact:*

COLLEGE AND CAREER
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TESORO HIGH SCHOOL

CAREER PATHWAYS



AGRICULTURE & NATURAL RESOURCES SECTOR



ANIMAL SCIENCE PATHWAY (103)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Veterinary Technician	CU101S	02	G	No	Certificate of Completion	No
Veterinary Technician, Adv.	CH102S	03	G	No	Certificate of Completion	Yes

ARTS, MEDIA & ENTERTAINMENT SECTOR



DESIGN, VISUAL, & MEDIA ARTS PATHWAY (111)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Digital Photography	DH6113	02	F	Yes	Certificate of Completion	Yes
Multimedia Design	DH6374	02	F	Yes	Certificate of Completion	Yes
Video Production	DH8603	02	F	Yes	Certificate of Completion	Yes

PERFORMING ARTS PATHWAY (112)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Commercial Music	DU3164	02	F	Yes	Certificate of Completion	No
Drama	DU5174	02	F	No	Certificate of Completion	No
Drama, Advanced	DU5183	02	F	No	Certificate of Completion	No
Actors' Repertory	DH6663	02	F	Yes	Certificate of Completion	Yes

PRODUCTION & MANAGERIAL ARTS PATHWAY (113)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Stagecraft	DH8743	02	F	No	Certificate of Completion	Yes
TV Broadcast Journalism	DH114S	03	F	Yes	Certificate of Completion	Yes

BUSINESS & FINANCE SECTOR



BUSINESS MANAGEMENT PATHWAY (182)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Accounting	DH9233	02	G	Yes	Certificate of Completion	Yes
Business Management/Ent	DH9251	02	G	Yes	Certificate of Completion	Yes
Business Management/Ent	CH9252	02	G	Yes	Certificate of Completion	Yes

EDUCATION, CHILD DEV., & FAMILY SERVICES SECTOR



EDUCATION PATHWAY (132)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Careers in Teaching	DU2902	02	G	No	Certificate of Completion	No

ENERGY, ENVIRONMENT, & UTILITIES SECTOR



ENVIRONMENTAL RESOURCES PATHWAY (141)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Environmental Field Studies	DH9223	02	D	No	Certificate of Completion	Yes

ENGINEERING & DESIGN SECTOR



ENGINEERING DESIGN PATHWAY (152)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Robotics Design & Fab.	CH8993	02	G	No	Certificate of Completion	Yes
Robotics Autonomous Sys.	CH9003	03	G	No	Certificate of Completion	Yes

FASHION & INTERIOR DESIGN SECTOR



FASHION DESIGN & MERCHANDISING PATHWAY (160)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Fashion Design	CH6743	02	F	Yes	Certificate of Completion	Yes

HEALTH SCIENCE & MEDICAL TECHNOLOGY SECTOR



PATIENT CARE PATHWAY (198)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Dental Assisting	CU8873	02	G	No	Certificate of Completion	No
Dental Assisting II	CU8874	03	G	No	Certificate of Completion	No

PATIENT CARE PATHWAY (198) – Continued

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Medical/Hospital Careers	C4761	03	G	No	Certificate of Completion	No
Medical Core	CH8473	02	G	Yes	Certificate of Completion	Yes
Pharmacy Technician	C8403	02	G	No	Certificate of Completion	No
Sports Medicine	DU9443	02	D	Yes	Certificate of Completion	No
Surgical Technology, Intro	C6783	02	G	No	Certificate of Completion	No
Surgical Technology II	C7853	03	G	No	Certificate of Completion	Yes

HOSPITALITY, TOURISM & RECREATION SECTOR



FOOD SERVICE & HOSPITALITY PATHWAY (201)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Culinary Arts	CA8914	02	G	Yes	Certificate of Completion	No

INFORMATION & COMMUNICATION TECHNOLOGIES SECTOR



SOFTWARE & SYSTEMS DEVELOPMENT PATHWAY (174)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
AP Computer Science (CS)	CT4163	02	C	No	Certificate of Completion	No
AP CS Principles	CT8184	02	N/A	No	Certificate of Completion	No

PUBLIC SERVICE SECTOR



PUBLIC SAFETY PATHWAY (232)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Administration of Justice	CH100F	02	G	No	Certificate of Completion	Yes

EMERGENCY RESPONSE PATHWAY (233)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Emergency Med. Responder	C3470	02	N/A	No	Certificate of Completion	Yes
Emergency Medical Tech.	CH4671	02	G	No	Certificate of Completion	Yes
Fire Science	CA3361	02	G	Yes	Certificate of Completion	No

TRANSPORTATION SECTOR



SYSTEMS DIAGNOSTICS, SERVICE, & REPAIR PATHWAY (221)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Auto Mechanics	CA9882	03	G	Yes	Certificate of Completion	No

OPERATIONS PATHWAY (223)

<u>Courses</u>	<u>COURSE #</u>	<u>VEL</u>	<u>A-G</u>	<u>Articulated</u>	<u>Industry Certification</u>	<u>Honors</u>
Aviation Careers	CU1000	02	G	No	Certificate of Completion	No
Aviation II	DH101F	03	G	No	Certificate of Completion	No

**Courses denoted in orange are regional after-school courses available to all CUSD/LBUSD students*



UC "a-g" Approved CTE Courses



Tesoro High School

Courses taken in high school that are approved by UC/CSU and appear on the institution's "a-g" course list meet the entrance requirements for the University of California (UC) and California State University (CSU) admittance. These courses are academically challenging, involve substantial reading, writing, problem solving and laboratory work (as appropriate), and show serious attention to analytical thinking, factual content and developing students' oral and listening skills.

a-g Subject Requirements	UC a-g Approved CTE Courses Available To Tesoro High School Students
a – History/Social Science b – English c – Mathematics d – Laboratory Science e – Language other than English f – Visual and Performing Arts g – College-prep Elective	<p><u>"c" – Requirement</u></p> <ul style="list-style-type: none"> • AP Computer Science <p><u>"d" – Requirement</u></p> <ul style="list-style-type: none"> • AP Computer Science Principles • Environmental Field Studies • Sports Medicine <p><u>"f" – Requirement</u></p> <ul style="list-style-type: none"> • Actors' Repertory • Commercial Music • Digital Photography • Drama • Drama Advanced • Fashion Design • Multimedia Design • Stagecraft • TV Broadcast Journalism • Video Production <p><u>"g" – Requirement</u></p> <ul style="list-style-type: none"> • Accounting • Administration of Justice • Aviation Careers • Business Management/Entrepreneurship • Careers in Teaching • Culinary Arts • Dental Assisting • Emergency Medical Technician • Fire Science • Introduction to Automotive Mechanics • Medical Core • Medical Hospital Careers • Robotics Autonomous Systems • Robotics Design and Fabrication • Surgical Technician • Veterinary Technician



Honors Weighted CTE Courses



Tesoro High School

Students who earn a grade of "C-" or higher in these classes will receive an additional .5 GPA points, similar to that of an AP or IB course.

Honors Weighted Courses Available to Tesoro High School Students

Teacher

Class Name

Cunningham	Accounting
Des Palmes	Actors' Repertory
Jindra*	Administration of Justice
Cunningham/Whiteside*	Business Management/Entrepreneurship
Hallam	Digital Photography
Johnson*	Emergency Medical Technician
Busenkell	Environmental Field Studies
Carlin*	Fashion Design
DiFrancesco/Sardegna*	Medical Core
Sybrski	Multimedia Design
Jung*	Robotics Autonomous Systems
O'Brien*	Robotics Design and Fabrication
Des Palmes	Stagecraft
Hallam	TV Broadcast Journalism Advanced
Hallam	Video Production

(*) – Denotes an After-School class located on a different campus

Tesoro High School

2020-21 Articulated CTE Courses

Earn College Credit!

Take this course in High School:		Articulates with this course:
Teacher	Course Title	Saddleback College Course Title
Cunningham	Accounting	Accounting – ACCT 215
Des Palmes	Actors Repertory	Fundamentals of Acting – TA I
Mack*/Brannon*	Automotive Mechanics	Automotive Fundamentals – AUTO 100
Cunningham	Business Mgmt/Entrepreneurship	Entrepreneurship – BUS 160
Whiteside*	Business Mgmt/Entrepreneurship	Entrepreneurship – BUS 160
Hancock	Commercial Music	Multi-track Recording – MUS 118
Sargent*	Culinary Arts	Culinary Principles – FN 240
Hallam	Digital Photography	Digital Photography I – PHOT 50
Carlin*	Fashion Design	Intro to Fashion Careers – FASH 101
DiFrancesco	Sports Medicine	Intro to Athletic Training – KNES 53
Hallam	TV Broadcast Journalism	Television Production I – CTVR 124
Hallam	Video Production	Video Production Basics – CTVR 101
Course Title		Santa Ana College Course Title
DiFrancesco*	Fire Science	Fire Technology 101
Course Title		Coastline College Course Title
Cunningham	Accounting	Intro to Accounting C100
Cunningham	Business Mgmt/Entrepreneurship	Small Business Operations
Whiteside*	Business Mgmt/Entrepreneurship	Small Business Operations
DiFrancesco	Medical Core	Medical Office C145
Sardegna*	Medical Core	Medical Office C145
Sybirski	Multimedia Design 1A	Intro to Adobe DGA C121

(*) – Denotes an After-School Class located on a different campus

Student must earn a grade of "A" or "B" to receive College Credit

REGIONAL AFTER-SCHOOL COURSES

COLLEGE AND CAREER ADVANTAGE
AFTER SCHOOL COURSES
FALL 2021



(Days And Times Subject To Change)

CCA#	Course Title	Time	Day	Loc/Room	Credit Information
DU2221	Consumer Auto Mechanics	4:00-8:30	Tuesday	ANHS-909	5-10cr/2 sem Artic UC "g"SB & SA
DU2221	Consumer Auto Mechanics	4:00-6:30	Mon & Wed	CVHS-C5	5-10cr/2 sem Artic UC "g"SB & SA
CU1000	Aviation Careers	4:30-7:00	Tues & Thurs	THS-917	10cr/2 sem UC "g"
CH9251	Business Mgmt/Entrep	4:00-6:30	Tues & Thurs	ANHS-803	5-10cr/2 sem/UC "g" Honors Artic SB & CL
CA8913	Culinary Arts	4:00-6:30	Mon & Wed	ANHS-921	5-10cr/2 semesters/UC "g" credit/ Artic SB
CU8873	Dental Assisting I	4:00-7:00	T/Th + Intern**	CVHS-P19	10cr/1semester/UC "g" credit
CH4671	Emergency Medical Tech	4:00-6:30	Mon & Wed**	LBHS-53	5-10cr/2 semesters + internship UC "g" credit/Honors (Starts 8/23/2021)
CH4671	Emergency Medical Tech	4:00-6:30	Tues & Thurs	CVHS-B4	5-10cr/2 semesters + internship UC "g" credit Honors
CH4671	Emergency Medical Tech	6:45-9:15	Tues & Thurs	CVHS-B4	5-10cr/2 semesters + internship UC "g" credit Honors
CH6163	Engineering Design	4:00-6:30	Mon & Wed	DHHS-205	5-10cr/2 sem UC "g" Honors cr
CH6743	Fashion Design	4:00-6:30	Mon & Wed	CVHS-C3	5-10cr/2 sem/UC "f" Honors Artic SB
CU7924	Forensic Science	TBD	TBD	ANHS-905	5-10cr/2 sem/UC "d" Honors cr
CU3361	Fire Science	4:00-8:30	Tuesday	CVHS-P17	5-10cr/2 semesters/Artic SA UC "g"
CH100F	Administration of Justice	4:00-6:30	Tues & Thurs	SJHHS-J206	5-10cr/2 semesters UC "g" Honors
CH8473	Medical Core	4:00-8:30	Mon	CVHS-P8	5-10cr/2 sem/CUSD bio sci/ Honors UC "g" credit/Artic CL
CU400F	Medical/Hospital Careers	4:00-8:30	Tues+Intern**	LBHS-53	5-10cr/2 semester UC "g" (Starts 8/24/2021)
G8414	Pharmacy Clerk	4:00-6:30	Tues & Thurs	CVHS-P15	5-10cr/2 semester
TBD	Sports Medicine Advanced	4:00-6:30	Mon & Wed	THS	5-10cr/2 sem UC "g" Honors CUSD Bio Cr
CH9003	Robotics & Autonomous Systems	5:30-8:00	Mon & Wed	CVHS-C6	5-10cr/2 semesters/UC "g" credit Honors
CH8993	Robotics Design & Fabrication	4:00-6:30	Tues & Thurs	CVHS-C6	5-10cr/2sem UC "g" Honors
CU6783	Surgical Tech Intro	4:00-6:30	Mon & Wed	CVHS-P20	5-10cr/2 semesters/UC "g"
CH7853	Surgical Tech 2	4:00-6:30	Mon & Wed	CVHS-P20	5-10cr/2 semesters/UC "g" Honors
CU101F	Veterinary Technician	4:00-6:30	Mon & Wed	CVHS-P15	5-10cr/2sem/CUSD bio science
CH102F	Veterinary Technician Adv	6:45-9:15	M/W + Intern**	CVHS-P15	5-10cr/2sem/CUSD bio science UC "g" Honors + internship

NOTE: All courses will remain as online classes until California State mandates allow for on-campus instruction

*** Students must complete Vet Tech to enroll in Vet Tech Adv.

****Classes on the Laguna Beach High School campus start the week of August 23, 2021 **CUSD classes begin Tuesday, August 17, 2021**

+ Internship = Students must be 16 years old to intern.

Additional hours for FTC & FRC Robotics Team competitions

Artic = Articulated with Coastline College (CL), Saddleback College (SB), Santa Ana College (SA)

For full course descriptions visit our website: www.CCAAdvantage.org

MIDDLE SCHOOL INFORMATION

CAREER TECHNICAL EDUCATION



MIDDLE SCHOOL

INVESTIGATION LAB MODULES



- Animation
- Audio Production
- Biotechnology & Genetics
- Business & Finance
- CNC Lathe
- CNC Mill
- Computer Programming
- Digital Photography
- Engineering
- Graphic Design
- Hospitality
- Laser Engraver
- Mastercam
- Plant Science
- Presentation Technology
- Robotics
- Robotics Engineering
- Solidworks & 3D Printing
- Totally Trebuchet
- Laser Engraver



MIDDLE SCHOOL COURSE OFFERINGS

School Site	Course Title
Aliso Viejo Middle School	Career Tech Investigation Lab
Aliso Viejo Middle School	Computer Applications Intro
Aliso Viejo Middle School	Computer Applications Intro
Aliso Viejo Middle School	Culinary Arts
Aliso Viejo Middle School	Culinary Arts
Aliso Viejo Middle School	Culinary Arts
Aliso Viejo Middle School	Forensic Science
Aliso Viejo Middle School	Robotics
Aliso Viejo Middle School	VideoProduction
Aliso Viejo Middle School	VideoProduction
Arroyo Vista Middle School	Career Tech Investigation Lab
Bernice Ayer Middle School	Tech & Present
Bernice Ayer Middle School	VideoProduction
Carl Hankey Middle School	Career Tech Investigation Lab
Carl Hankey Middle School	Career Tech Investigation Lab
Don Juan Avila Middle School	Career Tech Investigation Lab
Don Juan Avila Middle School	Computer Applications Intro
Don Juan Avila Middle School	Computer Applications Intro
Don Juan Avila Middle School	Forensic Science
Don Juan Avila Middle School	Home Art Skills
Don Juan Avila Middle School	Home Art Skills
Don Juan Avila Middle School	Home Art Skills
Don Juan Avila Middle School	Home Arts Advanced
Don Juan Avila Middle School	Home Arts Advanced
Don Juan Avila Middle School	Robotics
Esencia Middle School	Career Tech Investigation Lab
Esencia Middle School	Career Tech Investigation Lab
Fred Newhart Middle School	Career Tech Investigation Lab
Fred Newhart Middle School	Career Tech Investigation Lab
Fred Newhart Middle School	Robotics
Fred Newhart Middle School	Tech Proc Intro
Fred Newhart Middle School	Tech Proc Intro

MIDDLE SCHOOL COURSE OFFERINGS

School Site	Course Title
Ladera Ranch Middle School	Career Tech Investigation Lab
Ladera Ranch Middle School	Career Tech Investigation Lab
Ladera Ranch Middle School	Career Tech Investigation Lab
Ladera Ranch Middle School	Career Tech Investigation Lab
Ladera Ranch Middle School	Home Art Skills
Ladera Ranch Middle School	Home Art Skills
Ladera Ranch Middle School	Home Art Skills
Ladera Ranch Middle School	Home Arts Advanced
Las Flores Middle School	Career Tech Investigation Lab
Las Flores Middle School	Home Art Skills
Las Flores Middle School	Home Arts Advanced
Las Flores Middle School	Video Production Intro
Las Flores Middle School	Tech Processes
Marco Forster Middle School	Career Tech Investigation Lab
Marco Forster Middle School	Computer Applications
Marco Forster Middle School	Robotics
Marco Forster Middle School	Stagecraft
Marco Forster Middle School	Stagecraft
Niguel Hills Middle School	Career Tech Investigation Lab
Niguel Hills Middle School	Home Art Skills
Niguel Hills Middle School	VideoProduction
Niguel Hills Middle School	VideoProduction
Shorecliffs Middle School	Career Tech Investigation Lab
Shorecliffs Middle School	Career Tech Investigation Lab
Vista del Mar Middle School	Career Tech Investigation Lab
Vista del Mar Middle School	Career Tech Investigation Lab
Vista del Mar Middle School	Career Tech Investigation Lab
Vista del Mar Middle School	VideoProduction

ADULT CTE INFORMATION



College and Career Advantage

ADULT Career Technical Education

Adult Education not-for-credit classes are offered tuition-free for this session. Additional costs for materials and textbooks may be required.

State-of-the-art equipment!



Dental Assistant

This class prepares students to assist Dentists and Registered Dental Hygienists in patient care. Classroom instruction and hand-on learning include tooth anatomy, dental charting, terminology, dental treatment procedures, instrument identification, regulatory compliance, treatment room set-ups, equipment care, manipulation of materials and various other procedures that take place in a Dental Office. Front office procedures such as billing and appointment scheduling are also covered. Students will earn a Dental Radiography Certificate upon completion of the course. Instructor will arrange 120 hours of required internship at local dental offices.

Medical Assistant

Prepare for a career as a Medical Assistant or to continue training toward a nursing profession. Students will learn vital signs, injections, venipuncture, minor office surgical procedures, sterilization, EKG's, infection control, basic in-office laboratory testing, billing, terminology, records filing, and reception. Medical Assistants work in all areas in a physician's office or medical groups. 144 hours of required internship at local doctor's offices or health care centers will be arranged with the instructor.

Pharmacy Technician

Learn the procedures and techniques used to become a Pharmacy Technician in a hospital or retail setting. Instruction includes dosage calculations, over-the-counter medications, labeling medications, types of medications, pharmacy procedures, HIPPA requirements and IV preparation. To take the National Exam for Pharmacy Technician Certification, students must pass a background check performed by the State Board of Pharmacy and hold a high school diploma or GED. An additional 240 hours required externship after successful completion of classroom instruction, will be arranged with the instructor.

Surgical Technologist

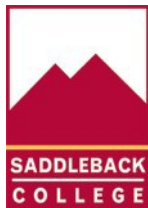
This class trains students to become a Surgical Technologist working alongside a surgeon in an operating room. Learn instrument tray set-up for various surgeries, back table preparation, techniques and procedures used during surgeries, anatomy and physiology, operating room preparation and instruments. An additional 500 hours required externship after successful completion of classroom instruction will be arranged with the instructor.



**All classes are held at the College and Career Advantage Training Center
26301 Via Escolar, Mission Viejo, CA 92692
For more information please call (949) 234-5994**

**Registration is online only at:
www.CCAAdvantage.org**

OBTAINING COLLEGE CREDIT



To: Parents and Guardians

From: Saddleback College

Subject: Permission to share personal data for receipt of college credit

Dear Parents/Guardians:

Saddleback College is now using an online system called CATEMA for the transfer of credit from high school articulated courses to Saddleback College. The CATEMA system has been approved and recommended by the State of California and the California Department of Education. Students who enrolled in high school articulated courses are required to enter their personal data into the CATEMA system in order for that information to be uploaded into the Saddleback College registration system. This information is shared for educational purposes only. The required information includes the student's name, address, Saddleback College ID number, date of birth, and the student's final grade (when received). Classroom time will be given to students to obtain a college ID by completing a Saddleback College application.

This information is required to be entered in order for the student to receive the appropriate credit. Students may consult with a Saddleback College counselor to determine how to best apply earned college credit to a specific degree or transfer program.

Only A and B grades may be transcribed for college credit. Grades of C or below will not be transcribed for college credit. *A letter grade may be assigned and the course will be identified as "Credit by Examination" BP4235 on the transcript in accordance with official grading assignment on the Course Outline of Record (COR). Once a grade is assigned, it is not reversible. BP4225*

In an effort to facilitate this process, please complete the section on the following page and return it to their high school teacher.

IMPORTANT NOTE: Students are not matriculating or officially enrolling into Saddleback College. They are merely obtaining a Saddleback College Student ID #.

Thank You for Your Cooperation!



Frequently Asked Questions for Students & Parents

What is the difference between Articulation, Dual Enrollment and Concurrent Enrollment?

- **HIGH SCHOOL ARTICULATION:** High school courses taken by high school students during the traditional school day, courses are aligned with a community college course in the same discipline, courses are taught by the high school teachers, courses are offered on the high school campus, serves high school students only. Articulated courses from the high school are counted as credit by exam.
- **DUAL ENROLLMENT (CCAP):** College courses taken by high school students, courses typically offered on the high school campus during traditional school day, courses are taught by high school faculty who meet community college minimum qualifications or a faculty from the college. CCAP Dual enrollment courses may only be taken by high school students and all fees are waived. Students earn high school and college credit. (CCAP refers to College and Career Access Pathways).
- **CONCURRENT ENROLLMENT:** College courses taken by high school students outside of the traditional school day, courses are typically offered on community college campus, courses are taught by community college faculty, they are open to the public

1. Why is this Important?

All three methods allow you to get a head start for college while still in high school. It can save you valuable time and money in the process! It will also look impressive on a college application! In addition, students will gain confidence in their ability to complete college work which should help them to transition into post-secondary education much easier.

2. What is different about a high school articulated course?

An articulated high school course is one in which a determination has been made that a course offered at the high school level is comparable to a specific community college course. High school students have the potential to earn college credits to use at Saddleback College. Check with other institutions to learn about their credit policies for articulated courses.

3. What high school classes are articulated with Saddleback College?

Saddleback College keeps an updated list of articulated classes. This list can be found on the Career and Technical Education (CTE) Transitions website. For more information or questions, please visit <http://cte.saddleback.edu/ArticulationListings>

4. What is CATEMA?

The **Career And Technical Education Management Application (CATEMA)** is a web-based application that will record and transcribe the grade earned in a high school articulated class for credit at Saddleback College. **IMPORTANT:** Only grades of an A or B will earn you college credit and be put on a transcript at Saddleback College. Grades of C or lower will not be transcribed nor entered in the CATEMA system.

5. What are the Cost and Fees?

There are no costs and fees. You do not need to pay any fees or tuition for earning college credit through your high school articulated classes.

6. Who can apply?

High school students in the 9th thru 12th grade taking an articulated high school class.

7. Is this process of earning college credit in an articulated class NEW?

No, the CATEMA system is NEW but it is streamlining an old process which consisted of a petition form, an official review from a counselor and required the student to attend Saddleback College in order to apply the college credit.

8. Does my Social Security Number (SSN) need to be included on the Saddleback application? Is it important?

The SSN is used as a means of identifying student records and to facilitate financial aid. You can decline to provide one but it is recommended that you do. Declining to input a SSN will not impact your application.

9. WHAT do I need to do to get started?

- 1) **Submit a current Saddleback College application through OPENCCC.** OPENCCC is the only way to submit college applications for all Community Colleges in California. If you do not have an OPENCCC account, you will need to create one.
- 2) Once an application is submitted and completed, you will **receive a Saddleback College Student ID Number** via email.
- 3) **Register for a CATEMA account** (*Saddleback Student ID Number Required*)
- 4) **Enroll in your high school articulated class in CATEMA.**

10. Who can I contact for assistance?

Please refer to the list below.

Contact Information:

- For any questions regarding your application or Saddleback ID Number please contact our Admissions & Record Office at (949) 582-4555 or scadmissions@saddleback.edu.
- For any questions regarding CATEMA, please contact Tracy McConnell @ tmcconnell@saddleback.edu.
- For any other academic questions, please contact the Saddleback College Counseling Department at (949) 582-4572.



**Parent/Guardian and Student Permission
to share personal data for receipt of college credit
through the CATEMA system.**

South Orange County Community College District Administrative Regulation 4050 as of September 2017, Students who successfully complete a CTE Transition articulated class offered through a partnering high school or ROP district and receive a grade of A or B, will be eligible to receive Credit by Exam units and a grade may be transcribed for the corresponding Saddleback College class BP 4235. The grade will be posted to the students' official college transcript as Credit by Examination. Once the grade is assigned it is not reversible BP4225.

1. Please CHECK one of the options:

- ☐ **I AGREE** to grant permission for my child to share his/her information through the CATEMA System and understand that once grades are assigned by Saddleback College they are not reversible.
- ☐ **I DO NOT Agree** to grant permission for my child to share his/her information with Saddleback College through the CATEMA system. Both my student and I understand that he/she may not receive college credit because of selecting this option.

2. Please complete all fields:

Name of High School

Name of HS Class Teacher

Class Period

Student Name (Please PRINT)

Student Signature Date

Parent/Guardian Name (Please Print)

Parent Signature Date

Please have your child return this form to their high school teacher.

Students are not eligible to receive college credit through CATEMA if this parent/student consent form is not completed and turned in.



Student CHECKLIST

CATEMA Prep Guide for Students

The following checklist is designed to prepare the students prior to the Saddleback application process and CATEMA enrollment in the classroom with their teacher. Please have this complete.

Things TO DO:

- ☐ Turn in Student/Parent Permission Form
- ☐ Have a current personal Email Account (not a school email account)
- ☐ Bring/Obtain Saddleback Student ID Number (if student has ever taken a class or submitted an application to Saddleback College)

-
- ☐ Ask Parents for login information to OpenCCC (if applicable)

- ☐ Username: _____

- ☐ Password: _____

Note: OpenCCC is the application platform used by all community colleges in California.

Things TO KNOW:

- ☐ Current Home Address:

- ☐ Social Security Number:

- ☐ If you are not a US Citizen, please know your Visa or Alien Registration Number:

- ☐ If your parents WERE in the US Military, discharge DATE:

CATEMA Process for Teachers



STEP 1

- Create Account
 - Create Classes
 - Distribute Parent permission forms
- Due Date October**

STEP 1

Teacher
Setup in
CATEMA

1st Semester Setup

STEP 2

- Collect Permission Forms
Due Date 11/15/19
- Students Complete Saddleback Application select (Spring Term) on the application
Due Date 12/13/19

STEP 2

Teacher
provides
Students
Support

2nd Semester

STEP 3

- CATEMA Registration by students
 - Accept Students into Class.
- Click "Yes" or "No"
- Due Date 2/15/21**

STEP 3

Accept
Student
Enrollment

STEP 4

Post
Grades

End of Year

STEP 4

- Recommend "Credit" or "No Credit"
 - For Credit, Enter Grade of "A" or "B".
- Due Date 6/15/21**



HIGH SCHOOL ARTICULATION CREDIT PETITION

Please refer to the second page of this form for instructions.

STUDENT INFORMATION:

Last Name _____ *First* _____ *MI* _____ *Saddleback College Student ID* _____
() _____
Street Address _____ *Telephone Number* _____
City _____ *State* _____ *Zip Code* _____
Student Signature: _____ *Date:* _____

NOTE: An official high school transcript must be submitted with this form to Admissions and Records. If the student transcript is already on file with Admissions and Records only submit this form.

Saddleback College Course Information: "CTE High School Articulation Course Equivalencies"

The course(s) below are approved:

<u>Course#/Name</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>
_____	_____	_____	_____
<u>Course#/Name</u>	<u>Course Title</u>	<u>Units</u>	<u>Grade</u>
_____	_____	_____	_____

☐ To receive college credit for *All AUTO 100 classes, the student must pass the Auto 100 final Exam.*

Please contact Tracy McConnell @ 582-4553 to verify passing grade on the final exam through CATEMA.

☐ High School Transcript is on file with Admissions and Records ☐ Official High School Transcript attached

APPROVAL SIGNATURE: Saddleback College Counselor _____

Date _____

Admissions, Records, and Enrollment Services – Data Processing:

☐ Input complete _____
(Initials/date)



HIGH SCHOOL ARTICULATION EARLY CREDIT PROCESS NON-CATEMA

Saddleback College maintains faculty-approved formal course and CTE Program articulation agreements with the following high school districts: Capistrano Unified School District, College and Career Advantage (formally known as South Coast ROP/Capo-Laguna ROP), Coastline Regional Occupational Program, Laguna Beach Unified School District, Saddleback Valley Unified School District, JSerra Catholic High School, and New Vista School.

*Seventeen disciplines have been articulated: Accounting, Advanced Manufacturing, Architecture, Automotive Technology, Business Management, Cinema, TV, and Radio, Computer Information Management, Computer Maintenance Technology, Culinary Arts, Foods and Nutrition, Drafting Technology, Early Childhood Education, Fashion Design, Horticulture, Journalism, Kinesiology, Photography, Theatre Arts Entertainment and Theatre Technology. *NOTE: Only certain disciplines and/or courses are approved by each high school district/ROP.

These agreements permit students to earn advanced placement and/or credit from Saddleback College for selected high school or Regional Occupational Program (ROP) coursework completed with a grade of **“B” or better**. Advanced placement allows students to waive an introductory college course.

Refer to the following procedures for receiving Saddleback College credit:

(This form does not apply for high school students who have successfully completed their enrollment into the CATEMA system)

1. Apply for admission to Saddleback College.
2. Make an appointment with a Saddleback College counselor by calling the Counseling Services Office appointment desk at: (949) 582-4572. Remember to bring **your OFFICIAL high school transcript** to this appointment. The counselor will verify whether the high school or ROP course has been evaluated by faculty for course credit, and will assist you in completing the **“High School Articulation Credit Petition”**. The counselor will refer you to the “CTE Transitions Coordinator” if necessary.
3. Once documents have been reviewed and either the counselor or the “CTE Transitions Coordinator” (if applicable) approves the petition for course credit, both the **“High School Articulation Credit Petition”** form and **an OFFICIAL High School Transcript** will be forwarded to the Office of Admission & Records for processing.
4. The Office of Admission & Records (A&R) will then post the approved course credit to the college transcript. **NOTE:** Per A&R, the “High School Articulation Credit Petitions” are processed in the semester for which they are approved, at the **end** of the semester. An **OFFICIAL** high school transcript must be submitted to A&R for college record.

Please contact the Counseling Services Office or the “CTE Transitions Coordinator” at Saddleback College for further information regarding the “High School Articulation Early Credit Process Non-CATEMA” to confirm your articulated class. Not all CTE classes are articulated.



COASTLINE COMMUNITY COLLEGE
Technical Advanced Placement (TAP)
Petition Form
(for ROP/High School Students)

Please refer to the reverse side of this form for instructions.

STUDENT INFORMATION:

<i>Last Name</i>	<i>First</i>	<i>MI</i>	<i>College Student ID Number</i>
			(____)_____
<i>Street Address</i>			<i>Telephone Number</i>
<i>City</i>	<i>State</i>	<i>Zip Code</i>	
<i>Birthdate:</i> _____ <i>College Email Address:</i> _____			
<i>Student Signature:</i> _____ <i>Date:</i> _____			

NOTE: The high school “TAP Certificate of Course Completion” or official high school transcript must be attached to this form.

COLLEGE COURSE INFORMATION:

The course(s) below have been approved:

<i>Course #/Name</i>	<i>Course Title</i>	<i>Units</i>
_____	_____	_____
<i>Course #/Name</i>	<i>Course Title</i>	<i>Units</i>
_____	_____	_____
<i>Course #/Name</i>	<i>Course Title</i>	<i>Units</i>
_____	_____	_____
<i>APPROVAL SIGNATURE: Counselor or “TAP Coordinator”</i>		<i>Date</i>
_____		_____

Admissions, Records, and Enrollment Services—Data Processing:

<input type="checkbox"/> <i>Data input complete</i> _____	<input type="checkbox"/> <i>Transcript sent to student</i> _____
(initials/date)	(initials/date)

(over)



COASTLINE COMMUNITY COLLEGE

Technical Advanced Placement Process

(for ROP/High School Students)

1. *Student completes an articulated course at high school or ROP.
 2. During the semester the student takes the articulated course, student applies online to CCC at www.cccapply.org
 3. Student receives Certificate of Completion and articulation packet from instructor containing:
 - * Technical Advanced Placement (TAP) Petition for Credit form(s)
 - * Department Portfolio Approval form (if required)
 4. Student must meet with a Coastline Community College Counselor and have his/her Petition for Credit signed off by the Counselor.
 5. Student presents copies of completed forms to Admissions and Records:
 - * Technical Advanced Placement (TAP) Petition(s) for Credit, signed off by Counselor
 - * Official high school transcript and a copy of Certificate of Completion signed by instructor & high school Principal or ROP Administrator
 - * Department Portfolio Approval (if required)
 6. The Admissions office processes the Technical Advanced Placement (TAP) Petition(s) for Credit.
 7. Student contacts Admissions and Records Office to have credit posted on the official transcript when student has completed at least 12 units with a minimum 2.0 GPA, with at least one course in the articulated pathway.
- * For students to be concurrently enrolled in high school and college they must complete the High School Release Form.

This form is to be filled out and submitted once a student has successfully completed an articulated high school/ROP course and 3 units of residency at Irvine Valley College. One form per articulated course. Students are encouraged to see an IVC counselor before completing this form.

To be completed by the **student**. Please print clearly.

Name of Student: _____
Last Name First Name Date of Birth

Street Address: _____ City: _____ State: _____

Zip: _____ Phone: _____ Student's Email Address: _____

High School Name: _____ ROP Name (if applicable): _____

High School Graduation Date: _____

Have you completed at least 3 units at IVC? Yes _____ No _____ If yes, IVC Student ID#: _____

If the answer is no, you cannot apply to receive CTE Credit by Exam units at this time. You must complete the 3 unit residency requirement.

*By signing this form I understand that by meeting all requirements, Irvine Valley College will **post a grade of Pass ("P")**, and the course will be identified as "credit by examination" on the student's IVC transcript. The grade is not used to compute the grade point average. Please note that IVC has a 3-unit residency requirement which must be met within 5 years of graduating from high school.*

Student Signature: _____ Date: _____

High School/ROP Course Title	IVC Course Title & No. (Leave Blank if Not Sure)	Final Grade

Instructions for Students

- Upon completion of 3 units of residency at IVC: (1) complete this CTE Credit by Exam Request form and mail it to IVC Admissions and Records Office; (2) submit a request to your high school/ROP to mail your official transcript to IVC Admissions & Records Office.

**Irvine Valley College
Admissions and Records Office
5500 Irvine Center Drive, Irvine, CA 92618**

- Once the process is complete, the credit by exam course will appear on student's IVC transcript. No fee is required to receive credit. **If you have any questions, please call Admissions and Records Office at (949) 451-5220 or Career Technical Education at (949) 282-2724.**

For Office use only:

1. DATE RECEIVED BY A&R:	2. DATE POSTED TO TRANSCRIPT:	3. COMPLETED BY:

Check-off List for Students

1. ____ At your high school or ROP, take a Career Technical Education course that has been articulated with Irvine Valley College and pass the course with a "B" or better. To find out which high school courses are articulated, please talk to your high school counselor or ROP Career Specialist.
2. ____ Apply online for admission to Irvine Valley College (www.ivc.edu) and complete 3 units (this will meet IVC's 3 unit residency requirement). ***Once all requirements are met, Irvine Valley College will post a grade of Pass ("P"), and the course will be identified as "credit by examination" on student's IVC transcript. The grade is not used to compute the grade point average. The 3-unit residency requirement must be met within 5 years of graduating from high school.***
3. ____ Once you complete 3 units at IVC,
 - (a) see an IVC Counselor
 - (b) complete and mail "Career Technical Education (CTE) Credit by Exam Request" form, and
 - (c) request your high school/ROP to mail your official transcript directly to:

***Irvine Valley College
Admissions and Records Office
5500 Irvine Center Drive
Irvine, CA 92618***

4. ____ Once Admissions and Records Office processes your request, credit for your CTE Credit by Exam will appear on your IVC transcript. No fee is required to receive credit.

If you have any questions, please call Admissions and Records Office at (949) 451-5220 or Career Technical Education at (949) 282-2724.

For Student's Record:

1. DATE CTE CREDIT By Exam REQUEST FORM SUBMITTED TO A&R:	NOTES:
2. DATE TO FOLLOW-UP WITH A&R:	NOTES:
3. DATE POSTED TO TRANSCRIPT:	NOTES:



HOW TO CLAIM CREDIT FOR ARTICULATED COURSES

3 EASY STEPS:

1

Bring your High School/ROP Completion of Articulation Course form if you received a “B” or higher in the course(s) signed by your ROP/High School instructor to the Career Education Office at SAC in R-116.

2

Bring your High School transcripts (official or unofficial) showing the grade received for the course (usually 2 semesters).

3

Register in at least one class at SAC or SCC for the current semester.

ONCE YOU COMPLETE THE PROCESS, “CREDIT BY EXAM” UNITS WILL BE ADDED TO YOUR COLLEGE TRANSCRIPT. NO LETTER GRADE IS GIVEN



REMEMBER: YOU HAVE 2 YEARS AFTER COMPLETING THE COURSE TO CLAIM CREDIT



Career Education Office

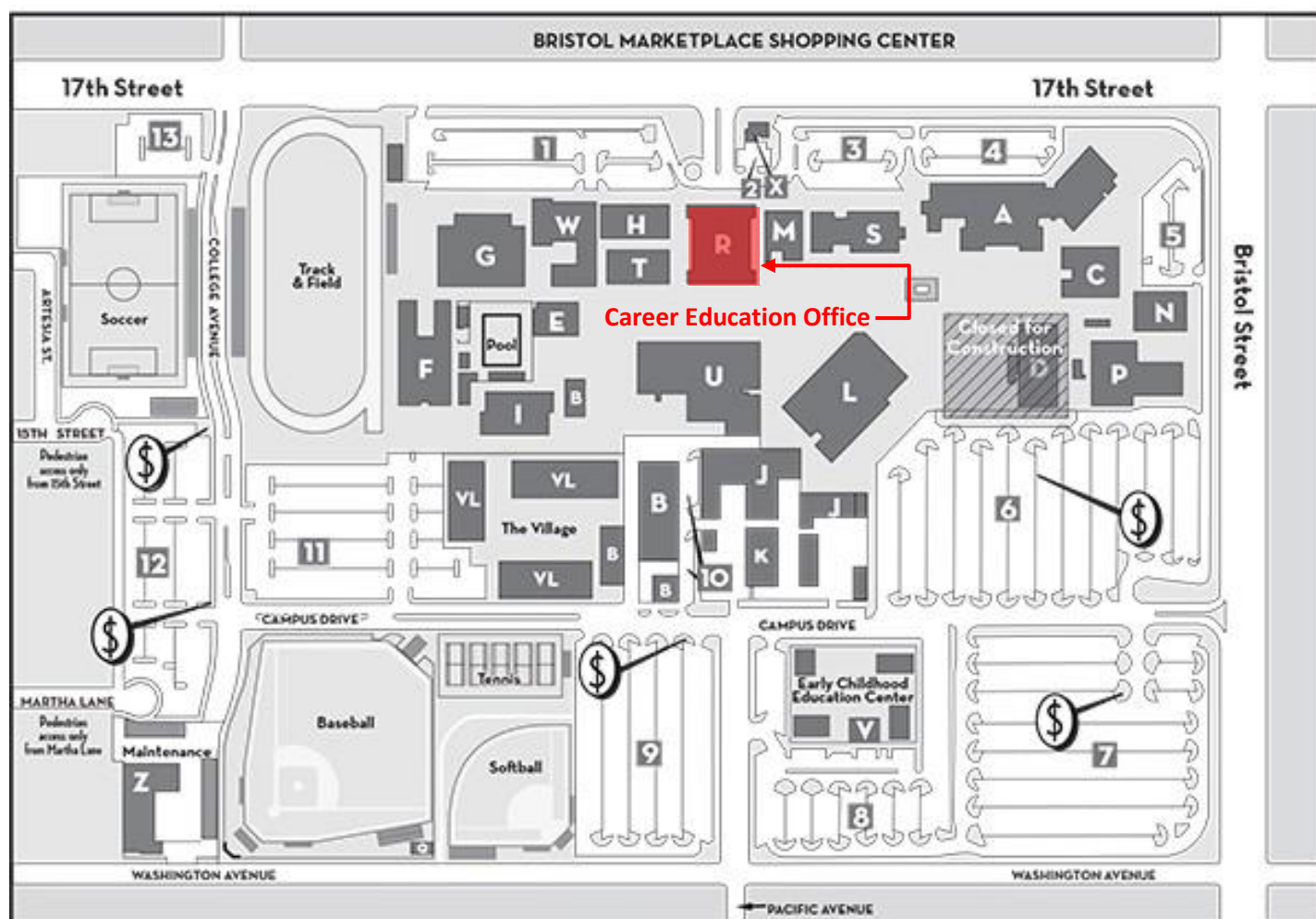
Santa Ana College
1530 W. 17TH St. Building R-116
Santa Ana, CA 92706
714.564.6811

SAC FACILITIES

- | | |
|--|--|
| A Cesar Chavez Building / Business / Computer Lab | T Technical Arts |
| B Middle College High School | U Johnson Center / Student Business Office Bookstore / Cafeteria / International Students Program |
| C Fine Arts / Art Gallery | V Early Childhood Education Center |
| D Dunlap Hall / Amphitheatre | VL The Village |
| E Fitness Center | W Exercise Science |
| F Locker Rooms | X Security / Safety |
| G Cook Gym | Z Maintenance |
| H Hammond Hall | |
| I Classroom Building | |
| J Auto Shop / Quick Center | |
| K Welding / Auto Diesel | |
| L Neally Library | |
| M Planetarium | |
| N Music Building | |
| P Phillips Hall Theatre | |
| R Russell Hall | |
| S Administration Building / Admissions / Counseling | |

PARKING

- | | |
|---------------|------------------------------------|
| 1 | Staff Parking |
| 2 - 3 | Visitor Parking |
| 4 - 5 | Staff Parking |
| 6 - 13 | Student Parking (except as posted) |
| \$ | Permit Dispenser (\$2 for 8 hours) |



ADDITIONAL CTE INFORMATION

COLLEGE AND CAREER ADVANTAGE



Follow Us on Social Media!



Follow us on
Facebook

@ccadvantage



FOLLOW US ON

Twitter

@theccadvantage



Follow Us On

Instagram

@ccadvantage

College and Career Advantage

www.ccadvantage.org

(949) 234-9464

Providing Career Technical Education for over 50 Years



Providing Career Technical Education for Over 50 Years

www.ccadvantage.org