Industry Sector Pathways

Sector	Pathways	
Agriculture and Natural Resources	• Agricultural Business • Agricultural Mechanics • Agriscience • Animal Science	• Forestry and Natural Resources • Ornamental Horticulture • Plant and Soil Science
Arts, Media, and Entertainment	• Design, Visual, and Media Arts • Performing Arts	• Production and Managerial Arts • Game Design and Integration
Building and Construction Trades	• Cabinetry, Millwork, and Woodworking • Engineering and Heavy Construction	• Mechanical Systems Installation and Repair • Residential and Commercial Construction
Business and Finance	• Business Management • Financial Services	• International Business
Education, Child Development, and Family Services	• Child Development • Consumer Services	• Education • Family and Human Services
Energy, Environment, and Utilities	• Energy and Power Technology • Environmental Resources	• Telecommunications
Engineering and Architecture	• Architectural Design • Engineering Technology	• Engineering Design • Environmental Engineering
Fashion and Interior Design	• Fashion Design and Merchandising • Interior Design	• Personal Services
Health Science and Medical Technology	• Biotechnology • Patient Care • Health Care Administrative Services	• Health Care Operational Support Services • Public and Community Health • Mental and Behavioral Health
Hospitality, Tourism, and Recreation	• Food Science, Dietetics, and Nutrition • Food Service and Hospitality	• Hospitality, Tourism, and Recreation
Information and Communication Technologies	• Information Support and Services • Networking	• Software and Systems Development • Games and Simulation
Manufacturing and Product Development	• Graphic Production Technologies • Machining and Forming Technologies	• Welding and Materials Joining • Product Innovation and Design
Marketing, Sales, and Services	• Marketing • Professional Sales	• Entrepreneurship/Self-Employment
Public Services	• Public Safety • Emergency Response	• Legal Practices
Transportation	• Operations • Structural Repair and Refinishing	• Systems Diagnostics, Service, and Repair

Agriculture and Natural Resources

District	High School	Pathway	Courses
Oxnard Union High School District	Adolfo Camarillo	Agriculture Business Management/ Animal Science	Animal and Plant Physiology I Animal and Plant Physiology II Nursery Operations Agriculture Business Agriculture Business Academy
		Agriculture Business Management/ Ornamental Horticulture	Intro to Floral Design Advanced Floriculture and Floristry Nursery Operations Agriculture Business Agriculture Business Academy
	Channel Islands	Marine Science Academy	Ocean Careers/Technology Marine Biology Environmental Science
Santa Paula Unified School District	Santa Paula	Agriscience	Agriculture Science Academy I Agriculture Science Academy II Agriculture Science Academy III Agriculture Science Academy IV Supervised Agriculture Experience Program
Ventura Unified School District	Ventura	Ornamental Horticulture	Agriculture Biology Landscape Landscape Design Floral Design
		Plant and Soil Science	Agriculture Biology Landscape AP Environmental Science
Ventura County Office of Education	Career Education Center	Capstone	Floral Design

School	Classes	Certificate
Conejo Valley		
Oxnard		
Simi Valley		
VACE		

College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Moorpark	● Botany ● Zoology	● Environmental Studies ● Exotic Animal Training Management	● Exotic Animal Training Management	
Oxnard	● Marine Studies	● Coastal Environmental Studies		

	Ventura	● Resource Management	● Biological Sciences ● Water Science	● Biological Sciences ● Water Science	● Biotechnician ● Biotech Manufacturing Technician

Arts, Media and Entertainment

District	High School	Pathway	Courses
Conejo Valley Unified School District	Westlake	Media and Design Arts	Computer Graphics Advanced Computer Graphics
Ojai Unified School District	Nordhoff	Media Arts Academy	Beginning Graphic Design Advanced Graphic Design Digital Imaging Digital Illustration/Intro to Animation Video Production
Moorpark Unified School District	Moorpark	Media and Design Arts	Advanced Graphic Arts and Website Design AP Studio Art: 2-D Design
Oxnard Union High School District	Oxnard	Media and Design Arts	Visual Arts Digital Photography Advanced Photography Multimedia I Graphic Design
		Production and Managerial Arts	Multimedia I Video Productions Theatre
Simi Valley Unified School District	Santa Susana	Digital Graphics and Publication	Basic Design Digital Photo AP Studio Art Graphics and Publication Graphic Design (ROP)
		Production and Managerial Arts (School of Technical Arts)	Basic Design Video Production Movie Production Video Editing Broadcasting Video Entrepreneur Stagecraft (ROP)
Ventura County Office of Education	Career Education Center	Capstone	Graphic Communications App Development

Arts, Media and Entertainment Continued

	School	Classes	Certificate
Adult School	Conejo Valley	Photoshop Level I Photoshop Level II Illustrator Level I InDesign Level I	Adobe Production Graphics
	Oxnard		
	Simi Valley	Graphic Design Multimedia Video and Animation Production Illustrator Mastery of Desktop Publishing	MAC OS X Leopard InDesign Adobe Acrobat HTML/XHTML Flash CS Dreamweaver CS Javascript PHP/MySQL 3D Studio Mac After Effects Professional Premiere CS Final Cut Express
	VACE	Office Graphics 1 - Illustrator Desktop Publishing 1 - InDesign Desktop Publishing 2 - Photoshop Web Page Design 1 - Dreamweaver HTML/XHTML/CSS Basics Web Project Applications Fundamentals Flash Fundamentals Print Production Concepts Word Press 1 Macintosh Computer Fundamentals Adobe Photoshop Adobe Illustrator Adobe After Effects DVD Studio Pro Final Cut Pro Video Basics Video Camera, Audio and Lighting Advanced Editing Skills Advanced Editing Skills TriCaster	Graphics Design-Fast Track Graphics Designer for Web Web Business Graphics/Desktop Publishing Digital Multimedia Technician Studio Production Technician

Arts, Media and Entertainment Continued

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark	• Journalism • Commercial Photography • Multimedia • Theatre Arts • Graphic design • Film,Television,Media	• Film,Television,Media • Graphic Design • Multimedia • Photography • Theatre Arts • Theatre Arts - Acting • Theatre Arts - Directing • Technical Theater • Journalism	• Graphic Design • Multimedia • Photography • Theatre Arts - Acting • Theatre Arts - Directing • Technical Theater	
	Oxnard	• Digital Media Studies	• TV, Filmmaking and Media Arts	• TV, Filmmaking and Media Arts	
	Ventura	• Commercial Photography • Digital Media	• Photography	• Photography	

Building Trades and Construction

	District	High School	Pathway	Courses
High School	Conejo Valley Unified School District	Conejo Valley Newbury Park Thousand Oaks	Cabinet Making and Wood	Wood I Wood II Cabinet Making (ROP)
		Thousand Oaks	Cabinet Making and Wood	Wood I Wood II Construction Basics Cabinet Making (ROP)
	Oxnard Union High School District	Adolfo Camarillo Oxnard	Cabinet Making and Wood	Wood I Wood II Cabinetmaking Production Technology
		Oxnard	Green Technologies Academy	Wood A Wood B Project Lead the Way Engineering
	Simi Valley Unified School District	Simi Valley	Wood Technology	Wood Advanced Wood Design
	Ventura Unified School District	Buena	Cabinet Making and Wood	Wood I Wood II Wood III Cabinet Making
		Ventura	Residential and Commercial Construction	Wood I Wood II

	School	Classes	Certificate
Adult School	Conejo V.	Woodworking/Refinishing	
	Oxnard		
	Simi V.		CAD Drafting Principles
	VACE		

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark				
	Oxnard				
	Ventura	• Construction Technology	• Building Inspection • Construction Management • Drafting Industl Design	• Building Inspection • Construction Management • Drafting Industl Design	• Electrician Trainee

Finance and Business

District	School	Pathway	Courses
Moorpark Unified School District	Moorpark	Moorpark	Virtual Enterprise/Business Seminar Introduction to Business and Computers Small Business Manager
Oxnard Union High School District	Adolfo Camarillo Oxnard	Accounting Services	Microsoft Office Intro/Advanced Exploring Business and Technology Principles of Financial Literacy Basic Accounting Business Law Microsoft Office Intro/Advanced Exploring Business and Technology Principles of Financial Literacy
	Adolfo Camarillo Channel Islands Oxnard	Banking and Related Services	Microsoft Office Intro/Advanced Exploring Business and Technology Principles of Financial Literacy Business Accounting Business Law Economics of Business Ownership
Simi Valley Unified School District	Santa Susana Royal Simi Valley	Business Education	Accounting I Accounting II Accounting III Accounting IV
	Royal Simi Valley	Business Education	Business Law Recordkeeping I Recordkeeping II
Ventura Unified School District	Buena	Business Financial Management	Computer Applications Money Management Business Simulations Accounting

	School	Classes	Certificate
Adult School	Conejo Valley	QuickBooks Pro, Level I QuickBooks Pro, Level II Applied QuickBooks Bookkeeping Certificate Program Loan Signing Agent	Computerized Accounting Technician QuickBooks and Computerized Accounting
	Oxnard	Computerized Accounting	
	Simi Valley	Accounting I, II, III Excel I, II Quickbooks Pro Access I	Account Clerk Administrative Assistant Bookkeeper Payroll Accounting General Office Clerk Receptionist
	VACE	Accounting 1, 2 Accounts Payable/Receivable Automated Accounting Business Math Payroll Accounting, Simulation Computer Business Forms Electronic Calculator Computer Spreadsheets/Graphics 1 –Excel Computer Spreadsheets/Graphics 2 QuickBooks Pro Microsoft Office Basics Alphabetic Indexing Computer Operating System Fundamentals Computer Database 1 –Access Word Processing Fundamentals – Word Word Processing 1, 2 E-Commerce Office Procedures 1 Elements of Supervision Communication Skills Business Law Fundamentals Benefits Package Simulation	Accounting Clerk Computerized Financial Accounting Payroll Clerk Administrative Assistant Business Administration Business Administration and Management Business Manager/World Wide Web Human Resource Management Microsoft Office Specialist Certifications

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark	● Accounting ● Business	● Business		
	Oxnard	● Accounting ● Business ● Human Services	● Business Administration	● Business ● Business Management ● Administrative Asst.	● Office technologies

		● Accounting ● Business Management	● Accounting ● Business Management ● Receptionist ● Administrative Assnt.	● Bookkeeping ● Administrative Assnt.
Ventura				

Education, Child Development, and Family Services

	District	School	Pathway	Courses
High School	Conejo Valley Unified School District	Newbury Park, Thousand Oaks	N/A	Educational Aide for Young Children
	Oxnard Union High School District	Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Child Development	Core A and B Developmental Psychology of Children and Adolescents A Developmental Psychology of Children and Adolescents B Vocation Pre-school Aide
		Pacifica	Teaching, Educational, and Careers Academy	Intro to Educational Careers Teaching and Education I Teaching and Education II Educational Aide for Young Children
	Santa Paula Unified School District	Santa Paula	Human Services Academy	Introduction to Human Services Child Development and Care Elementary Aide Internship Human Services Internship Preschool Aide Internship

	School	Classes	Certificate
Adult School	Conejo Valley		
	Oxnard		
	Simi Valley		
	VACE		

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark		• Child Development/ECE	• Child Development/ECE • Associate Teacher	
	Oxnard	• Child Development • Early Childhood Ed	• Early Childhood Ed • Child Development	• Child Development	
	Ventura		• Child Development	• Child Development	

Engineering and Design

	District	School	Pathway	Courses
High School	Conejo Valley Unified School District	Thousand Oaks	N/A	Computer Aided Drafting Architectural Design I Architectural Design II
		Westlake	N/A	Architectural Design
	Oxnard Union High School District	Adolfo Camarillo	Architectural and Structural Engineering	Beginning Drafting Architectural Design Architecture II Computer Aided Drafting Technical Illusion
		Hueneme	Engineering Design Pathway	Intro to Engineering and Design Intro to Engineering Computer Engineering/Multimedia Architecture and Design
		Oxnard	Green Technologies Academy	Project Lead the Way Pathways to Engineering Courses

	School	Classes	Certificate
Adult School	Conejo Valley		
	Oxnard		
	Simi Valley	Introduction to CAD/CAM Programming	AutoCAD 2D, AutoCAD 3D CAD Drafting Principles Revit Architecture, Solidworks
	VACE	Manual Drafting Fundamentals, Projections and Views Manual Drafting Applications CAD 2-D Fundamentals 1 and 2 CAD 2-D Applications 1 and 2 CAD 2-D Industrial Applications 1 and 2 CAD 3-D Fundamentals, Industrial Applications CAD 3-D Solids Modeling Geometric Dimensioning and Tolerancing Rapid Prototyping Fundamentals, Rapid Prototyping SolidWorks Fundamentals SolidWorks 3-D Solids Modeling, Assemblies SolidWorks Production Drawings, Sheet Metal Design SolidWorks Industrial Applications Revit Inventor	Computer-Aided Design Technician Official Autodesk AutoCAD Certification SolidWorks Technician Certified SolidWorks Associate Certified SolidWorks Professional Certified SolidWorks Expert Revit Certification

Engineering and Design Continued

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark		• Engineering		
	Oxnard				
	Ventura	• Architecture • Engineering • Manufact Applic. • Welding	• Industrial Design/Manufacturing • Drafting	• Industrial Design/Manufacturing • Drafting • CAD	• Drafting • CAD • CNC Machine

Energy and Utilities

	District	School	Pathway	Courses
High School				

	School	Classes	Certificate
Adult School	Conejo Valley		
	Oxnard		
	Simi Valley		
	VACE		

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark				• Photovoltaic Technology
	Oxnard	• Energy Auditing	• Environmental Control Technology	• Environmental Control Technology	
	Ventura				

Fashion and Interior Design

<table>
<tr><th></th><th>District</th><th>School</th><th>Pathway</th><th>Courses</th></tr>
<tr><td rowspan="2">High School</td><td>Oxnard Union High School District</td><td>Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa</td><td>Fashion Design, Manufacturing, Merchandising</td><td>Core A and B
Fashion Technology I
Fashion Technology II
Fashion Design (ROP)
Entrepreneurship in Fashion</td></tr>
<tr><td>Ventura County Office of Education</td><td>Career Education Center</td><td>Capstone</td><td>Fashion Retail Merchandising
Screen Printing</td></tr>
</table>

<table>
<tr><th></th><th>School</th><th>Classes</th><th>Certificate</th></tr>
<tr><td rowspan="4">Adult School</td><td>Conejo Valley</td><td></td><td></td></tr>
<tr><td>Oxnard</td><td>Clothing
Upholstery</td><td></td></tr>
<tr><td>Simi Valley</td><td>Upholstery</td><td></td></tr>
<tr><td>VACE</td><td></td><td></td></tr>
</table>

<table>
<tr><th></th><th>College</th><th>Classes</th><th>AA/AS</th><th>Certificate of Achievement</th><th>Proficiency Award</th></tr>
<tr><td rowspan="3">Community College</td><td>Moorpark</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Oxnard</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Ventura</td><td></td><td></td><td></td><td></td></tr>
</table>

Health Science and Technology

	District	School	Pathway	Courses
High School	Moorpark	Moorpark HS	Health Science Academy	Health in Depth Health Issues
	Ojai Unified School District	Nordhoff	Health Science Academy	Health Medical Terminology Health Careers I and II Anatomy and Physiology Emergency First Responder
	Oxnard Union High School District	Pacifica	Health Science Academy	Health Science Survey Medical Technology Applied Medical English
	Simi Valley Unified School District	Simi Valley	Medical and Health Careers Academy	Health Careers Survey Medical Terminology Pharmacology Anatomy and Physiology Medical and Health Careers Internship
	Ventura Unified School District	Foothill	Bio Tech Research and Development	Bio Science Survey Medical Technology Bio Technology
	Ventura County Office of Education	Career Education Center		Health Careers Medical Assistant Nurse Assistant I Nurse Assistant II Dental Assistant Emergency First Responder

Health Science and Technology Continued

	School	Classes	Certificate/License
Adult School	Conejo Valley	Administrative Medical Assistant/Billing and Coding Specialist (Eligible for Test) Medical Laboratory Assistant Phlebotomy Skills Workshop Pharmacy Technician Emergency Medical Technician Physical Therapy Aide Heartsaver CPR, Heartsaver First Aid BLS Healthcare Provider CPR Pediatric First Aid/CPR	Administrative and Clinical Medical Assistant Administrative Medical As Clinical Medical Assistant Phlebotomy Technician I Clinical Medical Assistant/Phlebotomy Technician I Medical Insurance Billing and Coding (Certificate and Eligible for Test) Certified Caregiver Training
	Oxnard	Pharmacy Technician Externship Certified Nursing Assistant/ Home Health Aide Medical Terminology CPR Medical Assistant Back Office, Front Office	
	Simi Valley	Dental Technology Removable Prosthodontic Appliances Fixed Prothodontic Appliances Basic Life Support for Healthcare Providers Medical Terminology	Dental Assistant: • Intro to Dental/Advanced • Coronal Polishing • Pit and Fissure Sealants • California Radiation Safety Course EMT: EMT Basic, EMT Skills Testing Electrocardiography Technician (Eligible for Test) Medical Assistant Front/Back Office (Eligible for test) Certified Nurse Assistant (Eligible for test) Home Health Aide Advanced Practitioner Respiratory Therapist (Eligible for Test) Pharmacy Technician Phlebotomy Program Physical Therapy Aide Surgical Technologist Respiratory Care Electrocardiography Technician Medical Insurance Billing/Insurance Clerk

Health Science and Technology Continued

VACE	Anatomy and Physiology Computers in the Medical Office/EMR Electronic Medical Records HIPAA/EMR Lab Health Care Communication Skills Medical Assistant Skills 1 and 2 CPR and Standard First Aid Medical Assistant Theory/Law and Ethics Medical Coding and Insurance Billing Medical Records Management Medical Terminology Pharmacology 1 and 2 Pharmacy Clinical Skills 1 and 2 Venipuncture and Skin Puncture Fundamentals Pharmacy Theory *Calculations* Federal Law, Aseptic Techniques, and Pharmacy Operations Medication Review Medical Records Management	Back Office Medical Assistant Front/Back Office Medical Assistant (Eligible for Certified Medical Assistant) Front Office Medical Assistant (Eligible for Certified Medical Biller) Medical Receptionist Pharmacy Technician (PTCB Licensed)	

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark	● Anatomy ● Physiology ● Health Education ● Health Sciences ● Nutritional Science ● Biotechnology	● Kinesiology ● Exercise Science ● Registered Nurse ● Radiation Technology ● Biotechnology	● Fitness Specialist ● Nuclear Medicine ● Biotechnology	
	Oxnard	● Anatomy ● Physiology ● Health Education	● Dental Assisting ● Dental Hygiene ● Kinesiology	● Dental Assisting	● Emergency Medical Technician
	Ventura	● Anatomy ● Physiology ● Emergency Medical Technician ● Health Education ● Health Sciences ● Kinesiology ● Physiology	● Medical Assistant Administrative ● Medical Assistant Multi-Skilled ● Nursing Science ● Paramedic	● Medical Assistant Administrative ● Medical Assistant Multi-Skilled ● Paramedic	● Medical Insurance Billing ● Reception Skills ● Holistic Studies ● Cert. Nurse Asst. ● Home Health Ad. ● EMT ● Admin Assist.

Hospitality and Tourism

	District	School	Pathway	Courses
High School	Simi Valley Unified School District	Royal, Simi Valley	Family and Consumer Science	Foods and Nutrition Foods and Nutrition II Food Service Lab Aide
	Conejo Valley School District	Newbury Park, Westlake	Food Services and Hospitality	Food and Nutrition I Food and Nutrition II Culinary Arts
	Ventura Unified School District	Ventura	Food Services and Hospitality	Foods and Nutrition Foods and Nutrition Science Culinary Arts I Culinary Arts II
	Oxnard Union High School District	Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Food Services and Hospitality	Core A and B Regional Cuisine Senior Foods Food Science International Cuisine Hospitality and Tourism Culinary Arts
		Pacifica	Food Services and Hospitality	Core A Intro to Culinary Arts Regional Cuisine International Cuisine Intro to Baking and Pastry Culinary Arts

	School	Classes	Certificate
Adult School	Conejo Valley	Nutrition 101	
	Oxnard		
	Simi Valley		
	VACE		

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark				
	Oxnard		● Culinary Arts ● Restaurant Management	● Culinary Arts ● Restaurant Management	
	Ventura				

Information Technology

	District	School	Pathway	Courses
High School	Conejo Valley Unified School District	Conejo Valley, Newbury Park, Thousand Oaks	N/A	Personal Computing I Personal Computing II
		Newbury Park	N/A	Webpage Design
		Newbury Park, Thousand Oaks	N/A	Computer Programming I Computer Programming II
		Conejo Valley, Thousand Oaks	N/A	Microsoft Computer Applications
	Simi Valley Unified School District	Santa Susana, Royal High School, Simi Valley	Computer Education	AP Computer Science Computer Apps I Computer Apps II
		Santa Susana	Computer Education	AP Computer Science Computer Apps I Computer Apps II
			Academy of Computer Programming	Computer Programming I Computer Programming II Computer Programming III AP Computer Science
			Internet Development	Web-site Design Graphics and Publication Webmaster (ROP)
	Ventura Unified School District	Buena	Media Support and Services	Computer Applications Web Design Web Design II
		Ventura	Computer Hardware and Electrical	Computer Repair Network Technology Robotics
			Software and Systems Development	Keyboarding and Computer Apps AP Computer Science Robotics Education in the Digital Age
		Foothill	Media Support and Services	Education in the Digital Age Web Design I Web Design II
	Oxnard Union High School District	Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Information Support and Services	Principles of Information Technology Microsoft Office Intro/Advanced Web Design I and II Computer Security Microsoft Office Certification

Information Technology Continued

	School		Classes	Certificate
	Oxnard Union High School District	Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Media Support and Services	Principles of Information Technology Microsoft Office Intro/Advanced Multimedia I Web Design I Web Design II Webmaster/Internet OC
			Networking Pathway	Principles of Information Technology Microsoft Office Intro/Advanced Network Technology
			Software and Systems Development	Principles of Information Technology Microsoft Office Intro/Advanced Computer Programming A Computer Programming B Advanced Programming Computer Science AP
	Ventura County Office of Education	Career Education Center	Capstone	Computer Business Software App Design Graphic Communications

School	Classes	Certificate
Conejo Valley	Computer Basics Microsoft Level I, II Website Creation and Maintenance Website Creation and Maintenance + Adobe Graphics Microsoft Word I, II, III Microsoft Office PowerPoint Excel I, II, III Windows 7, 8 Access Database Basics Access Table Rules and Queries Access Forms and Reports Dreamweaver Website Code, Beginning Photo Optimization for the Web WordPress Level I	
Oxnard	Windows 7 Computer Business Applications	

Information Technology Continued

Adult School	Simi Valley	Keyboarding Computer Literacy Intro to PC Access I, II Excel I, II Outlook PowerPoint Publisher Windows Word I, II Intro to HTML Cascading Style Sheets	PC Computer Operator Specialist Master of Web Design
	VACE	Disk Operating System (DOS) Windows Fundamentals Computer Repair 1 and 2 Networking Fundamentals 1, 2, 3, 4 and 5 A+ Exam Preparation 1 and 2 Security + Preparation Healthcare IT Technician MCITP Preparation 1, 2, and 3 Computer Operating Systems –Windows Computer Database 1- Access Computer Spreadsheet/Graphics 1 and 2 –Excel Word Processing 1 and 2 –Word Presentation Graphics- PowerPoint Internet Fundamentals – Outlook Keyboarding 1, 2 Computer Applications Projects	Computer Support Technician CompTIA A+ Certified Network Support Technician CompTIA N+ Certified CompTIA Security+ Microsoft Office Basics Microsoft Certified Systems Administrator Computerized Office Professional

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark	• Computer Information Systems • Computer Science	• Computer Network Systems Engineer	• Advanced Network Specialist • Windows Engineering	• Basic Network Specialist • Cisco System Networks Associate • Windows Administration
	Oxnard	• Computer Information Systems	• Computer Networking/IT	• Computer Networking/IT	• Office Technologies
	Ventura	• Computer Science			

Manufacturing and Product Development

	District	School	Pathway	Courses
High School	Conejo Valley Unified School District	Thousand Oaks	Machine and Forming Tech	Metals I Metals II Metals III Metals IIII
	Oxnard Union School District	Rio Mesa	Machine and Forming Tech	Beginning Manufacturing Advanced Manufacturing Manufacturing and Product Development
	Simi Valley Unified School District	Simi Valley	Industrial Technology	Manufacturing Technology
		Royal	Industrial Technology	Furniture and Cabinet Construction
		Royal, Simi Valley	Industrial Technology	Wood Design I Wood Design II Woodshop Manager
	Ventura Unified School District	Buena	Welding Technology	Metal I Metal II Metal III Industrial Plant Welding
		Ventura	Machine and Forming Tech	Metal I Metal II CAD for Manufacturing
	Ventura County Office of Education	Career Education Center	Capstone	Welding

	School	Classes	Certificate
Adult School	Conejo Valley	Intro to Metalworking	
	Oxnard	Welding, Beginning and Advanced	

Manufacturing and Product Development Continued

Simi Valley	Basic Machine Shop CNC Operations and Programming Introduction to CAD/CAM Programming		Basic Machine Shop Intro to MasterCAM Intro to GibbsCAM Advanced Machine Shop 3D Mastercam 3D GibbsCAM Advanced CNC Programming Oxy-Acetylene Welder Gas Tungsten Arc Welder Gas Metal Arc Welder Shielded Metal Arc Welder Flux Core Arc Welder LA City Structural Welder AWS D1.1 and D1.5 Welder ASME Pressure Pipe Welder API 1104 Low Pressure Pipe Welder AWS D17.1 Specialty Alloys Welder LA City Structural Welder (semiautomatic and light gage)
VACE	Intro to MasterCAM		Intro to MasterCAM

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark			• Biotechnology Manufacturing	
	Oxnard				
	Ventura	• Drafting • Architecture • CAD		• Welding	• CNC Machine operator • Manufacturing Applications • Welding • Biotech. Manufact. Tech.

Marketing, Sales and Service

	District	School	Pathway	Courses
High School	Conejo Valley School District	Thousand Oaks (ETHOS)	Entrepreneurship	Entrepreneurship Sports and Entertainment Marketing Economics/Virtual Enterprise
	Oxnard Union High School District	Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Marketing/Entrepreneurship / Self-Employment/Professional Sales	Microsoft Office Intro/Advanced Exploring Business and Technology Intro to Accounting Marketing Business Law Economics of Business Ownership ROP Fashion Retail Merchandising

	School	Classes	Certificate
Adult School	Conejo Valley	Tricks and Tips for SEO Notary in One Day (Eligible for Test)	
	Oxnard		
	Simi Valley	Internet for business Telephone techniques Notary Public (Eligible for test) Real Estate Agent/Broker (Pre-license course)	Customer Service Representative
	VACE	Business English Internet Fundamentals Marketing/Sales Project Design *Desktop Publishing 1 –InDesign* *Desktop Publishing 2- Photoshop* *Elements of Design* *Web Page Design 1 – Dreamweaver* Web Projects Applications *Print Production Concepts/Print Portfolio* *Microsoft Office Basics* Office Procedures 1 – Customer Service Office Procedures 2 – Integrated Simulation *Business Law Fundamentals*	Computerized Marketing Support Technician *Web Business Graphics/Desktop Publishing* Customer Services Representative/Collections

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark	● Marketing ● Advertising	● Business		
	Oxnard	● Business ● Business Management ● Administrative Asst.	● Business ● Business Management ● Administrative Asst.	● Business ● Business Management ● Administrative Asst.	● Office Technologies

	Ventura		● Business Management ● Accounting	● Business Management ● Accounting	● Reception Skills ● Administ. Assistant ● Bookkeeping

Public Service

<table>
<tr><th></th><th>District</th><th>School</th><th>Pathway</th><th colspan="3">Courses</th></tr>
<tr><td rowspan="2">High School</td><td>Moorpark Unified School District</td><td>Moorpark</td><td></td><td colspan="3">Fire Cadet</td></tr>
<tr><td>Oxnard Union School District</td><td>Oxnard</td><td>Law and Public Services</td><td colspan="3">Intro to Legal Systems
Criminal Justice
Forensics</td></tr>
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<table>
<tr><th></th><th>School</th><th colspan="2">Classes</th><th colspan="3">Certificate</th></tr>
<tr><td rowspan="4">Adult School</td><td>Conejo Valley</td><td colspan="2"></td><td colspan="3"></td></tr>
<tr><td>Oxnard</td><td colspan="2"></td><td colspan="3"></td></tr>
<tr><td>Simi Valley</td><td colspan="2">Legal Office Procedures
Legal Terminology</td><td colspan="3">Legal Administrative Assistant</td></tr>
<tr><td>VACE</td><td colspan="2"></td><td colspan="3"></td></tr>
</table>

<table>
<tr><th></th><th>College</th><th>Classes</th><th>AA/AS</th><th>Certificate of Achievement</th><th>Proficiency Award</th></tr>
<tr><td rowspan="3">Community College</td><td>Moorpark</td><td></td><td>● Administration of Justice</td><td>● Criminal Justice</td><td></td></tr>
<tr><td>Oxnard</td><td></td><td>● Fire Technology
● Paralegal Studies</td><td>● Fire Technology
● Paralegal Studies</td><td>● Fire Technology</td></tr>
<tr><td>Ventura</td><td></td><td>● Criminal Justice
● Human Services</td><td>● Criminal Justice
● Human Services</td><td>● Social Services Affiliate
● Social Welfare Specialist
● Mntl Hlth Rehab Pract.</td></tr>
</table>

Transportation

	District	School	Pathway	Courses
High School	Simi Valley Unified School District	Simi Valley	Industrial Technology	Automotive Essentials Automotive Advanced
	Ventura Unified School District	Buena	Vehicle Maintenance and Repair	Auto II Auto Technology Auto Technology
		Ventura	Systems Diagnostics and Service	Auto Mechanics I Auto Mechanics II Auto Service
	Oxnard Union School District	Channel Islands, Oxnard	Operations	Intro to Auto Intermediate Auto Advanced Auto ROP
			Structural Repair and Refinishing	Intro to Auto Intermediate Auto Advanced Auto ROP ROP Collision and Repair
			Systems Diagnostics and Service	Intro to Auto Intermediate Auto Advanced Auto ROP Auto Service

	School	Classes	Certificate	
Adult School	Conejo Valley			
	Oxnard	Auto Service Auto Body/Auto Paint		
	Simi Valley			
	VACE			

	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark				
	Oxnard		• Automotive Body and Fender Repair • Automotive Technology	• Automotive Body and Fender Repair • Automotive Technology	
	Ventura		• Automotive Technology	• Automotive Technology • State Smog Technician	