



WORKFORCE INVESTMENT BOARD OF VENTURA COUNTY

CLEAN/GREEN COMMITTEE MEETING

Friday, February 21, 2014
8:00 a.m. - 9:30 a.m.

Ventura County Community Foundation (VCCF) Nonprofit Center
4001 Mission Oaks Blvd. (Board Room), Camarillo

AGENDA

8:00 a.m.	1.0 Call to Order and Agenda Review	Victor Dollar
8:02 a.m.	2.0 Public Comments <u>Procedure:</u> The public is welcome to comment. All comments not related to items on the agenda may be made at the beginning of the meeting only.	Victor Dollar
8:05 a.m.	3.0 Approval of Minutes: January 17, 2014	Victor Dollar
8:06 a.m.	4.0 Update: AB 86	Teresa Johnson
8:16 a.m.	5.0 Ventura County Regional Strategic Workforce Development Plan 2013-2017: Update	Cheryl Moore
	6.0 Clean/Green Workforce Pipeline Development: Updates	
8:25 a.m.	• Industry Sector Career Pathways: Update	Tiffany Morse
8:30 a.m.	• Green-Related Apprenticeships: Local/Regional Programs	Rodney Cobos
8:35 a.m.	• Clean/Green Occupational Data: Update	Talia Barrera
8:55 a.m.	• Two-Year Plan Draft: Update	Cheryl Moore
9:25 a.m.	7.0 Committee Member Comments	Committee Members
9:30 a.m.	8.0 Adjournment	Victor Dollar

Next Meeting

March 28, 2014 (8:00 a.m.-9:30 a.m.)

Ventura County Community Foundation (VCCF) Nonprofit Center
4001 Mission Oaks Blvd. (Community Room), Camarillo

WIB Clean/Green Committee Meeting
January 17, 2014

MINUTES

Meeting Attendees

Committee

Teresa Johnson*
John Brooks
David Fleisch
Paul Grossgold
Teresa Johnson
Wayne Pendrey
Rebekah Evans
Kimberly Nilsson*

WIB Staff

Cheryl Moore
Talia Barrera
Patricia Duffy

Guests

Alan DeRossett (101 Incubator)
Mike Outsmenguine (101 Incubator)
Brad Hudson (Congresswoman Julia Brownley)
Cecilia Villasenor (Sun Pacific Electric)

**WB Members*

1.0 Call to Order

Teresa Johnson called the meeting to order at 8:06 a.m.

2.0 Public Comments

No comments

3.0 Approval of the Minutes of November 15, 2013

Motion to approve: Dave Fleish
Second: John Brooks
Motion carried

4.0 Clean/Green Spotlight

Alan DeRossett and Mike Outsmenguine, representing 101 Incubator, presented information about the new high-tech business Incubator in Thousand Oaks. The mission of the incubator is to foster a creative environment where high-tech companies and entrepreneurs can network with each other, brainstorm ideas and grow their businesses. The incubator is a non-profit network of clean technology entrepreneurs, subject matter experts and professionals committed to green technology education and to creating and generating economic ideas, ventures and/or projects via an environment of learning, mentoring, support and collaborative resources. Of particular interest is fostering regional collaboration for the development and support of high-tech businesses.

5.0 Ventura County Regional Strategic Workforce Development Plan

- Clean/Green Occupational Data: Committee members discussed the most recent update of the Ventura County Occupational Employment Data and Growth Projections: Clean/Green and noted the relatively high number of clean/green jobs that offer a living wage in Ventura County. In future meetings, the Committee will address which are the hard-to-fill occupations as well as those with the highest employment growth projections. The group expressed their appreciation to Jennifer Harkey, WIBVC Program Assistant, for her research and creation of an informative, user-friendly document.

- Two-Year Plan Draft: The Committee provided input for a draft two-year plan to identify and develop a strategy to address the regional priorities for green-related workforce development. The draft plan will be used to align WIBVC committee activities with sector priorities of the five-year *Ventura County Regional Strategic Workforce Development Plan*. At the next meeting, the Committee will continue its discussion of priorities and next steps.

6.0 Clean/Green Workforce Pipeline Development: Updates

- Clean/Green Career Pathways: The Committee reviewed the most recent working draft of the K-14 Industry Sector Pathways inventory, expressing thanks to Tiffany Morse (Ventura County Office of Education) for her great work in coordinating and compiling the information. The inventory will provide a baseline reference list of clean/green-related courses/programs/certificates/pre-apprenticeships in Ventura County—a starting point from which to match available programs with employer needs, identify gaps, and build viable career pathways.

Committee members requested that the inventory be expanded to include universities, labor unions, apprenticeships, and programs listed on the Employment Training Provider List. The Committee also asked WIBVC staff to convert the inventory document to an Excel format for easy data sorting and analysis.

- Public/Private Sector Green Certification Possibilities: Dave Fleisch and Paul Grossgold met with the City of Ventura and the County of Ventura regarding how businesses can earn green certification. They reported that local city agencies award the certification and that Thousand Oaks and the City of Ventura are the only two cities currently able to do so. Having the capability to award green certification requires an investment of city staff time and support.

7.0 Committee Member Comments

No comments

8.0 Adjournment

The Committee adjourned 9:30 a.m.

Next Meeting

February 21, 2014 (8:00 a.m.–9:30 a.m.)
Ventura County Community Foundation
4001 Mission Oaks Blvd., Camarillo, CA

Industry Sector Pathways		
Agriculture and Natural Resources	<ul style="list-style-type: none"> • Agricultural Business • Agricultural Mechanics • Agriscience • Animal Science 	<ul style="list-style-type: none"> • Forestry and Natural Resources • Ornamental Horticulture • Plant and Soil Science
Arts, Media, and Entertainment	<ul style="list-style-type: none"> • Design, Visual, and Media Arts • Performing Arts 	<ul style="list-style-type: none"> • Production and Managerial Arts • Game Design and Integration
Building and Construction Trades	<ul style="list-style-type: none"> • Cabinetry, Millwork, and Woodworking • Engineering and Heavy Construction 	<ul style="list-style-type: none"> • Mechanical Systems Installation and Repair • Residential and Commercial Construction
Business and Finance	<ul style="list-style-type: none"> • Business Management • Financial Services 	<ul style="list-style-type: none"> • International Business
Education, Child Development, and Family Services	<ul style="list-style-type: none"> • Child Development • Consumer Services 	<ul style="list-style-type: none"> • Education • Family and Human Services
Energy, Environment, and Utilities	<ul style="list-style-type: none"> • Energy and Power Technology • Environmental Resources 	<ul style="list-style-type: none"> • Telecommunications
Engineering and Architecture	<ul style="list-style-type: none"> • Architectural Design • Engineering Technology 	<ul style="list-style-type: none"> • Engineering Design • Environmental Engineering
Fashion and Interior Design	<ul style="list-style-type: none"> • Fashion Design and Merchandising • Interior Design 	<ul style="list-style-type: none"> • Personal Services
Health Science and Medical Technology	<ul style="list-style-type: none"> • Biotechnology • Patient Care • Health Care Administrative Services 	<ul style="list-style-type: none"> • Health Care Operational Support Services • Public and Community Health • Mental and Behavioral Health
Hospitality, Tourism, and Recreation	<ul style="list-style-type: none"> • Food Science, Dietetics, and Nutrition • Food Service and Hospitality 	<ul style="list-style-type: none"> • Hospitality, Tourism, and Recreation
Information and Communication Technologies	<ul style="list-style-type: none"> • Information Support and Services • Networking 	<ul style="list-style-type: none"> • Software and Systems Development • Games and Simulation
Manufacturing and Product Development	<ul style="list-style-type: none"> • Graphic Production Technologies • Machining and Forming Technologies 	<ul style="list-style-type: none"> • Welding and Materials Joining • Product Innovation and Design
Marketing, Sales, and Services	<ul style="list-style-type: none"> • Marketing • Professional Sales 	<ul style="list-style-type: none"> • Entrepreneurship/Self-Employment
Public Services	<ul style="list-style-type: none"> • Public Safety • Emergency Response 	<ul style="list-style-type: none"> • Legal Practices
Transportation	<ul style="list-style-type: none"> • Operations • Structural Repair and Refinishing 	<ul style="list-style-type: none"> • Systems Diagnostics, Service, and Repair

Agriculture and Natural Resources

High School	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	
Adult School	School	Classes		Certificate	
	Conejo Valley				
	Oxnard				
	Simi Valley				
	VACE				
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	<ul style="list-style-type: none"> Botany Zoology 	<ul style="list-style-type: none"> Environmental Studies Exotic Animal Training Management 	<ul style="list-style-type: none"> Exotic Animal Training Management 	
	Oxnard	<ul style="list-style-type: none"> Marine Studies 	<ul style="list-style-type: none"> Coastal Environmental Studies 		
	Ventura	<ul style="list-style-type: none"> Resource Management 	<ul style="list-style-type: none"> Biological Sciences Water Science 	<ul style="list-style-type: none"> Biological Sciences Water Science 	<ul style="list-style-type: none"> Biotechnician Biotech Manufacturing Technician

Arts, Media and Entertainment

	District	High School	Pathway	Courses
High School	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
	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
Adult School	School	Classes		Certificate
	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		
	VACE	Graphics Designer for Web Digital Multimedia Technician Studio Production Technician		

Arts, Media and Entertainment - Continued

Community College	College	Classes	AA-T/AS-T	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark	<ul style="list-style-type: none"> Journalism Commercial Photography 		<ul style="list-style-type: none"> 2-D Studio Art FTVM Production Graphic Design Multimedia Technical Theater 	<ul style="list-style-type: none"> FTVM Production Graphic Design Multimedia Technical Theater 	
	Oxnard	<ul style="list-style-type: none"> Digital Media Studies 	<ul style="list-style-type: none"> TV, Filmmaking and Media Arts (2014-2015) 	<ul style="list-style-type: none"> TV, Filmmaking and Media Arts 	<ul style="list-style-type: none"> TV, Filmmaking and Media Arts 	
	Ventura	<ul style="list-style-type: none"> Commercial Photography Digital Media 		<ul style="list-style-type: none"> Photography 	<ul style="list-style-type: none"> Photography 	

Building Trades and Construction					
High School	District	High School	Pathway	Courses	
	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	
Adult School	School	Classes		Certificate	
	Conejo V.	Woodworking/Refinishing			
	Oxnard				
	Simi V.				
	VACE				
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark				
	Oxnard				
	Ventura	<ul style="list-style-type: none"> Construction Technology 	<ul style="list-style-type: none"> Building Inspection Construction Management Drafting Industrial Design 	<ul style="list-style-type: none"> Building Inspection Construction Management Drafting Industrial Design 	<ul style="list-style-type: none"> Electrician Trainee

Finance and Business

High School	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	Accounting Services	Computer Foundations Exploring Business and Technology Basic Accounting Business Law
		Adolfo Camarillo Channel Islands	Banking and Related Services	Computer Foundations Exploring Business and Technology Business Accounting Business Law
	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
Adult School	School	Classes		Certificate
	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	Account Clerk Bookkeeper		
	VACE	Accounting Clerk Computerized Financial Accounting Payroll Clerk Business Administration Business Administration and Management Business Manager/World Wide Web		

Finance and Business - Continued

Community College	College	Classes	AA-T/AS-T	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark	<ul style="list-style-type: none"> Accounting 		<ul style="list-style-type: none"> Business 		
	Oxnard	<ul style="list-style-type: none"> Accounting Business Human Services 	<ul style="list-style-type: none"> Business Administration 	<ul style="list-style-type: none"> Business Administration 	<ul style="list-style-type: none"> Business Business Management Administrative Asst. 	<ul style="list-style-type: none"> Office technologies
	Ventura			<ul style="list-style-type: none"> Accounting Business Management 	<ul style="list-style-type: none"> Accounting Business Management Receptionist Administrative Assnt. 	<ul style="list-style-type: none"> Bookkeeping Administrative Assnt.

Education, Child Development, and Family Services

High School	District	School	Pathway		Courses	
	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	
Adult School	School	Classes			Certificate	
	Conejo Valley					
	Oxnard					
	Simi Valley					
	VACE					
Community College	College	Classes	AA-T/AS-T	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark			• Child Development /ECE	• Child Development/ECE • Associate Teacher	
	Oxnard	• Child Development • Early Childhood Ed	• Early Childhood Education	• Child Development	• Child Development	
	Ventura			• Child Development	• Child Development	

Engineering and Design

High School	District	School	Pathway	Courses	
	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 Illustration	
		Hueneme	Engineering Design Pathway	Intro to Engineering and Design Intro to Engineering Computer Engineering/Multimedia Architecture and Design	
Adult School	School	Classes		Certificate	
	Conejo Valley				
	Oxnard				
	Simi Valley	Introduction to CAD/CAM Programming CAD Drafting and Design: CAD Drafting principles, AutoCAD 2D, AutoCAD 3D Revit Architecture, Solidworks			
	VACE	Computer-Aided Design Technician Solid Works Technician			
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark			• Engineering	
	Oxnard				
	Ventura	<ul style="list-style-type: none"> • Architecture • Engineering • Manufact Applic. • Welding 	<ul style="list-style-type: none"> • Industrial Design/Manufacturing • Drafting 	<ul style="list-style-type: none"> • Industrial Design/Manufacturing • Drafting • CAD 	<ul style="list-style-type: none"> • Drafting • CAD • CNC Machine

Energy and Utilities					
High School	District	School	Pathway	Courses	
Adult School	School	Classes		Certificate	
	Conejo Valley				
	Oxnard				
	Simi Valley				
	VACE				
Community College	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark				<ul style="list-style-type: none">Photovoltaic Technology
	Oxnard	Energy Auditing	<ul style="list-style-type: none">Environmental Control Technology	<ul style="list-style-type: none">Environmental Control Technology	
	Ventura				

Fashion and Interior Design

High School	District	School	Pathway	Courses	
	Oxnard Union High School District	Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Fashion Design, Manufacturing, Merchandising	Core A and B Fashion Technology I Fashion Technology II Fashion Design (ROP) Entrepreneurship in Fashion	
	Ventura County Office of Education	Career Education Center	Capstone	Fashion Retail Merchandising Screen Printing	
Adult School	School	Classes		Certificate	
	Conejo Valley				
	Oxnard	Clothing Upholstery			
	Simi Valley				
	VACE				
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark				
	Oxnard				
	Ventura				

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

Adult School	School	Classes	Certificate
	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 Medical Assistant Front Office	
	Simi Valley	Technology, Removable Prosthodontic Appliances, Fixed Prosthodontic Appliances Advanced Dental Technology Coronal Polishing California Radiation Safety Course Pit and Fissure Sealants Basic Life Support for Healthcare Providers Medical Insurance Billing/Insurance Clerk Medical Terminology Home Health Aide Pharmacy Technician Phlebotomy Program Surgical Technologist Physical Therapy Aide Respiratory Care	Dental Technologist: Intro to Dental EMT:: EMT Basic, EMT Skills Testing Electrocardiography Technician (Eligible for Test) Medical Assistant (Eligible for test) Nurse Assistant (Eligible for test) Advanced Practitioner Respiratory Therapist (Eligible for Test)
	VACE	Back Office Medical Assistant Front/Back Office Medical Assistant Front Office Medical Assistant Medical Receptionist Pharmacy Technician Phlebotomy, Basic Phlebotomy, Advanced	

Health Science and Technology - Continued

Community College	College	Classes	AA-T/AS-T	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark	<ul style="list-style-type: none"> Anatomy Physiology Health Education Health Sciences Nutritional Science 		<ul style="list-style-type: none"> Kinesiology Exercise Science Registered Nurse Radiation Technology 	<ul style="list-style-type: none"> Fitness Specialist Nuclear Medicine 	
	Oxnard	<ul style="list-style-type: none"> Anatomy Physiology Health Education 	<ul style="list-style-type: none"> Kinesiology (2014-2015) 	<ul style="list-style-type: none"> Dental Assisting Dental Hygiene 	<ul style="list-style-type: none"> Dental Assisting 	<ul style="list-style-type: none"> Emergency Medical Technician
	Ventura	<ul style="list-style-type: none"> Anatomy Physiology Emergency Medical Technician Health Education Health Sciences Kinesiology Physiology 		<ul style="list-style-type: none"> Medical Assistant Administrative Medical Assistant Multi-Skilled Nursing Science Paramedic 	<ul style="list-style-type: none"> Medical Assistant Administrative Medical Assistant Multi-Skilled Paramedic 	<ul style="list-style-type: none"> Medical Insurance Billing Reception Skills Holistic Studies Cert. Nurse Asst. Home Health Ad. EMT Admin Assist.

Hospitality and Tourism

	District	School	Pathway	Courses	
	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	
Adult School	School	Classes		Certificate	
	Conejo Valley	Nutrition 101			
	Oxnard				
	Simi Valley				
	VACE				
Community College	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark				
	Oxnard		<ul style="list-style-type: none"> Culinary Arts Restaurant Management 	<ul style="list-style-type: none"> 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	Computer Foundations Computer Applications Internet Applications Computer Security Microsoft Office Certification

Information Technology - Continued

High School	Oxnard Union High School District	Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Media Support and Services	Computer Foundations Computer Applications Multi Media Production I and II Web Design I Web Design II Desktop Publishing Webmaster/Internet OC
			Networking Pathway	Computer Foundations Computer Applications Internet Applications Network Technology
			Software and Systems Development	Computer Foundations Computer Applications Computer Programming A Computer Programming B Advanced Programming
	Ventura County Office of Education	Career Education Center	Capstone	Computer Business Software App Design Graphic Communications
Adult School	School	Classes		Certificate
	Conejo Valley	Computer Basics Microsoft Level I Microsoft Level II Website Creation and Maintenance Website Creation and Maintenance + Adobe Graphics Microsoft Word I Microsoft Word II Microsoft Word III Microsoft Office PowerPoint Excel I Excel II Excel III Windows 7 Windows 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 PC Computer Operator Specialist Access I, II Excel I, II Outlook PowerPoint Publisher Windows Word I, II Intro to HTML Cascading Style Sheets			
	VACE	Computer Support Technician Network Support Technician Computerized Office Professional Graphics Designer for Web Microsoft Office Basics	Microsoft Certified Systems Administrator		
Community College	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark	<ul style="list-style-type: none">• Computer Information Systems• Computer Science	<ul style="list-style-type: none">• Computer Network Systems Engineer	<ul style="list-style-type: none">• Advanced Network Specialist• Windows Engineering	<ul style="list-style-type: none">• Basic Network Specialist• Cisco System Networks Associate• Windows Administration
	Oxnard	<ul style="list-style-type: none">• Computer Information Systems	<ul style="list-style-type: none">• Computer Networking/IT	<ul style="list-style-type: none">• Computer Networking/IT	<ul style="list-style-type: none">• Office Technologies
	Ventura	<ul style="list-style-type: none">• 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		
	Simi Valley	Beginning Welder Advanced Welding Welding Fabricator		Basic Machine Shop CNC operations and Programming Intro to MasterCAM Intro to GibbsCAM Master Welding Course
	VACE			

Manufacturing and Product Development - Continued

Community College	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark			<ul style="list-style-type: none"> • Biotech Manufacturing 	
	Oxnard				
	Ventura	<ul style="list-style-type: none"> • Drafting • Architecture • CAD 		<ul style="list-style-type: none"> • Welding 	<ul style="list-style-type: none"> • CNC Machine operator • Manufacturing Applications • Welding • Biotech. Manufact. Tech.





















Marketing, Sales and Service						
High School	District	School	Pathway	Courses		
	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	Computer Foundations Exploring Business and Technology Intro to Accounting Marketing Business Law Economics of Business Ownership ROP Fashion Retail Merchandising		
Adult School	School	Classes		Certificate		
	Conejo Valley	Tricks and Tips for SEO Notary in One Day (Eligible for Test)				
	Oxnard					
	Simi Valley	Internet for business Telephone techniques Customer Service Representative Notary Public (Eligible for test) Real Estate Agent/Broker (Pre-license course)				
	VACE	Computerized Marketing Support Technician Web Business Graphics/Desktop Publishing Customer Services Representative/Collections				
Community College	College	Classes	AA-T/AS-T	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark					
	Oxnard	<ul style="list-style-type: none"> Business Business Management Administrative Asst. 	<ul style="list-style-type: none"> Business Administration 	<ul style="list-style-type: none"> Business Business Management Administrative Asst. 	<ul style="list-style-type: none"> Business Business Management Administrative Asst. 	<ul style="list-style-type: none"> Office technologies
	Ventura			<ul style="list-style-type: none"> Business Management Accounting 	<ul style="list-style-type: none"> Business Management Accounting 	<ul style="list-style-type: none"> Reception Skills Administrative Assistant Bookkeeping

Public Service
















	District	School	Pathway	Courses	
High School	Moorpark Unified School District	Moorpark		Fire Cadet	
	Oxnard Union School District	Oxnard	Law and Public Services	Intro to Legal Systems Criminal Justice Forensics	
	School	Classes		Certificate	
Adult School	Conejo Valley				
	Oxnard				
	Simi Valley	Legal Office Procedures Legal Terminology			
	VACE	Legal Secretary			
	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
Community College	Moorpark			<ul style="list-style-type: none"> • Criminal Justice 	
	Oxnard		<ul style="list-style-type: none"> • Fire Technology • Paralegal Studies 	<ul style="list-style-type: none"> • Fire Technology • Paralegal Studies 	
	Ventura		<ul style="list-style-type: none"> • Criminal Justice • Human Services 	<ul style="list-style-type: none"> • Criminal Justice • Human Services 	<ul style="list-style-type: none"> • Social Services Affiliate • Social Welfare Specialist • Mental Health Rehab. Pract.

Transportation					
High School	District	School	Pathway	Courses	
	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	
	Conejo Valley				
	Oxnard	Auto Service Auto Body/Auto Paint			
	Simi Valley				
	VACE				
Community College	College	Classes	AA/AS	Certificate of Achievement	Proficiency Award
	Moorpark				
	Oxnard		<ul style="list-style-type: none"> Automotive Body and Fender Repair Automotive Technology 	<ul style="list-style-type: none"> Automotive Body and Fender Repair Automotive Technology 	
	Ventura		<ul style="list-style-type: none"> Automotive Technology 	<ul style="list-style-type: none"> Automotive Technology State Smog Technician 	










Ventura County Occupational Employment Data Growth Projections
CLEAN/GREEN

SOC Code*	U.S. D.O.L. Green Jobs in Demand	Occupations	2013 Education and Training Level**	2010 VENTURA COUNTY Median Annual Wages***	2020 CALIFORNIA Employment Growth Projection	CALIFORNIA Average Annual Job Openings****	2020 VENTURA COUNTY Employment Growth Projection	VENTURA COUNTY Average Annual Job Openings****	2010 CALIFORNIA Average Annual Employment	2010 VENTURA COUNTY Average Annual Employment	2010-2013 WIA Placements	2010-2013 Training Related Placements	JTA 53 Job Readiness Training	JTA 54 Occupational Skills Training	JTA 55 On-the- Job Training	OS License	OS Certificate
53-7064		Packers and Packagers, Hand	Less Than H.S.	\$19,720	15.7	4,140	14.8	82	93,500	1,890	7	1	0	0	0	0	3
51-9198		Helpers--Production Workers	Less Than H.S.	\$21,855	7.9	970	14.3	22	39,400	700	8	4	0	0	0	1	2
45-2091		Agricultural Equipment Operators	Less Than H.S.	\$22,250	2.1	470	32.1	53	14,000	840	0	0	0	0	0	0	0
45-2000		Agricultural Workers	Less Than H.S.	\$24,000	1.7	9,460	21.5	864	297,300	16,740	0	0	0	0	0	0	0
47-3019		Helpers, Construction Trades, All Other	Less Than H.S.	\$24,130	23.8	110	32.5	23	2,100	400	0	0	0	0	0	0	0
53-7062		Laborers and Freight, Stock, and Material Movers, Hand	Less Than H.S.	\$24,943	19.7	12,030	19.5	174	232,700	3,380	7	1	0	0	0	0	3
37-3011		Landscaping and Groundskeeping Workers	Less Than H.S.	\$25,024	21.6	5,440	15.8	146	138,500	4,370	2	0	0	0	0	0	0
47-3014		Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	Less Than H.S.	\$25,926	23.1	120	N/A	N/A	2,600	N/A	0	0	0	0	0	0	0
47-3016		Helpers--Roofers	Less Than H.S.	\$29,219	-7.7	30	N/A	N/A	1,300	N/A	0	0	0	0	0	0	0
47-3011		Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	Less Than H.S.	\$30,164	45.7	260	N/A	N/A	3,500	N/A	0	0	0	0	0	0	0
47-3012		Helpers--Carpenters	Less Than H.S.	\$30,908	51.6	240	N/A	N/A	3,100	N/A	0	0	0	0	0	0	0
53-7051		Industrial Truck and Tractor Operators	Less Than H.S.	\$33,995	15.2	2,570	19.6	68	59,100	1,430	3	2	0	1	0	0	1
47-2061		Construction Laborers	Less Than H.S.	\$38,491	19.5	3,020	24.3	69	109,500	2,140	5	1	0	0	0	0	0
53-7081		Refuse and Recyclable Material Collectors	Less Than H.S.	\$42,486	21.7	780	N/A	N/A	15,200	N/A	0	0	0	0	0	0	0
47-2181		Roofers	Less Than H.S.	\$48,253	3.0	400	13.9	12	16,800	360	1	0	0	0	0	0	0
45-4011		Forest and Conservation Workers	H.S. Diploma + OJT	\$21,072	0.0	90	0.0	3	3,600	130	0	0	0	0	0	0	0
49-9098		Helpers--Installation, Maintenance, and Repair Workers	H.S. Diploma + OJT	\$24,772	16.9	820	17.4	14	13,000	230	2	2	0	0	1	0	0
51-2092		Team Assemblers	H.S. Diploma + OJT	\$25,210	8.8	2,180	7.7	58	76,400	2,070	13	6	0	0	0	0	6
51-2099		Assemblers and Fabricators	H.S. Diploma + OJT	\$27,555	11.2	740	12.4	33	24,200	1,050	14	4	0	0	0	0	7
51-2023		Electromechanical Equipment Assemblers	H.S. Diploma + OJT	\$28,493	13.3	170	0.0	3	6,000	130	9	6	0	0	0	0	6
51-9032		Cutting and Slicing Machine Setters, Operators, and Tenders	H.S. Diploma + OJT	\$29,329	-2.0	110	8.3	4	5,100	120	2	1	0	0	0	0	1
43-5071		Shipping, Receiving, and Traffic Clerks	H.S. Diploma + OJT	\$29,778	5.6	2,790	4.3	62	89,900	2,070	9	4	0	1	4	0	2
51-2022		Electrical and Electronic Equipment Assemblers	H.S. Diploma + OJT	\$29,870	12.2	580	-3.6	20	22,200	1,370	52	45	0	72	4	3	37
47-3015		Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	H.S. Diploma + OJT	\$31,266	36.4	210	N/A	N/A	3,300	N/A	0	0	0	0	0	0	0
47-3013		Helpers--Electricians	H.S. Diploma + OJT	\$31,452	21.4	190	27.8	10	4,200	180	1	1	0	0	2	0	0
51-2031		Engine and Other Machine Assemblers	H.S. Diploma + OJT	\$33,638	14.3	50	0.0	2	1,400	60	0	0	0	0	0	0	0
51-9061		Inspectors, Testers, Sorters, Samplers, and Weighers	H.S. Diploma + OJT	\$36,100	13.4	1,690	7.8	45	47,900	1,540	7	3	0	0	2	0	5
43-4051		Customer Service Representatives	H.S. Diploma + OJT	\$36,347	18.6	9,260	22.1	217	197,300	4,300	87	33	0	6	11	0	22
51-4011		Computer-Controlled Machine Tool Operators, Metal and Plastic	H.S. Diploma + OJT	\$36,514	21.1	390	16.7	7	9,500	180	5	5	0	30	0	0	5
51-4121		Welders, Cutters, Solderers, and Brazers	H.S. Diploma + OJT	\$37,621	11.1	820	20.4	23	21,700	490	12	10	0	3	0	0	10
49-9071		Maintenance and Repair Workers, General	H.S. Diploma + OJT	\$38,449	12.7	3,510	11.2	58	113,000	1,960	0	0	0	0	0	0	0
53-6099		Transportation Workers, All Other	H.S. Diploma + OJT	\$40,194	16.0	230	18.2	11	5,000	220	0	0	0	0	0	0	0
51-4041		Machinists	H.S. Diploma + OJT	\$40,242	13.1	950	10.0	23	30,500	800	14	13	0	10	0	0	12
47-4041		Hazardous Materials Removal Workers	H.S. Diploma + OJT	\$40,284	18.6	190	0.0	3	4,300	60	0	0	0	0	0	0	0
49-9043		Maintenance Workers, Machinery	H.S. Diploma + OJT	\$40,578	4.9	140	12.5	5	6,100	160	3	1	0	0	1	0	2
53-3021		Bus Drivers, Transit and Intercity	H.S. Diploma + OJT	\$41,747	14.3	890	6.3	11	26,600	480	1	0	0	0	0	0	0
51-9011		Chemical Equipment Operators and Tenders	H.S. Diploma + OJT	\$44,949	8.0	60	N/A	N/A	2,500	N/A	0	0	0	0	0	0	0
43-5061		Production, Planning, and Expediting Clerks	H.S. Diploma + OJT	\$48,503	9.6	1,390	4.5	21	38,600	660	4	2	0	0	2	0	0

Ventura County Occupational Employment Data Growth Projections
CLEAN/GREEN

SOC Code*	U.S. D.O.L. Green Jobs in Demand	Occupations	2013 Education and Training Level**	2010 VENTURA COUNTY Median Annual Wages***	2020 CALIFORNIA Employment Growth Projection	CALIFORNIA Average Annual Job Openings****	2020 VENTURA COUNTY Employment Growth Projection	VENTURA COUNTY Average Annual Job Openings****	2010 CALIFORNIA Average Annual Employment	2010 VENTURA COUNTY Average Annual Employment	2010-2013 WIA Placements	2010-2013 Training Related Placements	JTA 53 Job Readiness Training	JTA 54 Occupational Skills Training	JTA 55 On-the- Job Training	OS License	OS Certificate
13-1022		Wholesale and Retail Buyers, Farm Products	H.S. Diploma + OJT	\$51,604	17.0	680	18.5	13	15,900	270	3	0	0	0	0	0	1
47-2152		Plumbers, Pipefitters, and Steamfitters	H.S. Diploma + OJT	\$53,543	17.2	1,670	26.7	33	36,100	600	7	6	0	0	6	0	0
47-2111		Electricians	H.S. Diploma + OJT	\$60,216	15.7	2,010	22.1	33	47,200	680	2	1	0	0	1	0	0
51-8021		Stationary Engineers and Boiler Operators	H.S. Diploma + OJT	\$64,384	5.9	100	0.0	1	3,400	60	0	0	0	0	0	0	0
47-2073		Operating Engineers and Other Construction Equipment Operators	H.S. Diploma + OJT	\$65,711	23.1	1,020	28.1	29	22,100	570	0	0	0	0	0	0	0
13-1199		Business Operations Specialists, All Other	H.S. Diploma + OJT	\$67,213	13.6	4,560	14.6	106	139,100	3,150	1	1	0	1	0	0	1
47-4011		Construction and Building Inspectors	H.S. Diploma + OJT	\$72,234	18.6	470	13.6	9	9,700	220	1	1	0	3	0	0	1
47-1011		First-Line Supervisors of Construction Trades and Extraction Workers	H.S. Diploma + OJT	\$73,957	21.7	2,060	26.4	43	46,000	870	0	0	0	0	0	0	0
11-3071		Transportation, Storage, and Distribution Managers	H.S. Diploma + OJT	\$84,677	14.0	460	14.3	9	12,100	210	0	0	0	0	0	0	0
51-8013		Power Plant Operators	H.S. Diploma + OJT	\$84,797	12.1	160	0.0	2	3,300	50	0	0	0	0	0	0	0
11-9199		Managers, All Other	H.S. Diploma + OJT	\$119,786	11.7	2,980	14.0	84	87,900	2,360	4	4	0	23	1	0	2
49-2092		Electric Motor, Power Tool, and Related Repairers	Vocational / OJT	\$41,903	7.7	20	N/A	N/A	1,300	N/A	0	0	0	0	0	0	0
49-9021		Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Vocational / OJT	\$51,356	27.1	920	27.5	23	20,700	510	0	0	0	0	0	0	0
49-2094		Electrical and Electronics Repairers, Commercial and Industrial Equipment	Vocational / OJT	\$59,680	10.6	230	0.0	3	6,600	140	1	0	0	0	1	0	0
49-2095		Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	Vocational / OJT	\$83,825	25.0	60	N/A	N/A	1,200	N/A	0	0	0	0	0	0	0
19-4011		Agricultural and Food Science Technicians	Associate's Degree	\$31,656	6.7	130	12.5	4	3,000	80	2	0	0	0	0	0	1
19-4093		Forest and Conservation Technicians	Associate's Degree	\$36,126	-2.7	310	-7.1	6	7,400	140	0	0	0	0	0	0	0
19-4031		Chemical Technicians	Associate's Degree	\$44,018	14.5	180	N/A	N/A	6,200	N/A	0	0	0	0	0	0	0
19-4091		Environmental Science and Protection Technicians, Including Health	Associate's Degree	\$50,108	26.5	230	37.5	6	3,400	80	0	0	0	0	0	0	0
17-3026		Industrial Engineering Technicians	Associate's Degree	\$51,790	15.6	160	N/A	N/A	4,500		0	0	0	0	0	0	0
17-3024		Electro-Mechanical Technicians	Associate's Degree	\$52,618	13.9	120	N/A	N/A	3,600		6	3	0	3	2	0	3
17-3011		Architectural and Civil Drafters	Associate's Degree	\$54,227	-0.8	250	0.0	3	12,700	170	2	2	0	3	0	0	2
17-3013		Mechanical Drafters	Associate's Degree	\$54,580	10.4	140	13.3	5	4,800	150	3	2	0	5	2	0	3
17-3012		Electrical and Electronics Drafters	Associate's Degree	\$55,771	10.0	120	0.0	3	4,000	120	3	3	0	3	0	0	3
17-3027		Mechanical Engineering Technicians	Associate's Degree	\$56,163	10.0	110	6.7	4	4,000	150	0	0	0	0	0	0	0
17-3023		Electrical and Electronics Engineering Technicians	Associate's Degree	\$61,504	8.3	570	-1.2	16	20,400	810	7	4	0	8	3	0	2
17-3025		Environmental Engineering Technicians	Associate's Degree	\$61,522	18.5	100	30.8	6	2,700	130	0	0	0	0	0	0	0
17-3022		Civil Engineering Technicians	Associate's Degree	\$61,693	8.5	200	7.1	5	7,100	140	0	0	0	0	0	0	0
17-3029		Engineering Technicians, Except Drafters, All Other	Associate's Degree	\$64,283	9.7	270	0.0	7	9,300	350	2	2	0	1	0	0	2
11-9021		Construction Managers	Associate's Degree	\$102,300	14.1	1,220	15.0	22	59,600	1,000	6	5	0	3	0	0	3
45-2011		Agricultural Inspectors	Bachelor's Degree	\$45,509	4.3	80	N/A	N/A	2,300	N/A	2	2	0	0	0	0	1
27-1021		Commercial and Industrial Designers	Bachelor's Degree	\$63,105	22.5	210	26.7	9	4,000	150	1	1	0	1	0	0	1
13-2099		Financial Specialists, All Other	Bachelor's Degree	\$63,406	13.2	810	30.1	54	23,500	1,030	3	2	0	0	0	0	1
27-3031		Public Relations Specialists	Bachelor's Degree	\$63,441	21.1	1,130	14.7	14	23,700	340	1	0	0	0	0	0	0
13-1151		Training and Development Specialists	Bachelor's Degree	\$64,471	31.9	910	32.5	20	18,800	400	0	0	0	0	0	0	0
19-1013		Soil and Plant Scientists	Bachelor's Degree	\$69,582	26.3	120	N/A	N/A	1,900	N/A	0	0	0	0	0	0	0
41-3031		Securities, Commodities, and Financial Services Sales Agents	Bachelor's Degree	\$71,314	17.4	1,710	38.0	46	38,000	710	0	0	0	0	0	0	0
19-2041		Environmental Scientists and Specialists, Including Health	Bachelor's Degree	\$74,978	23.1	680	22.5	21	13,000	400	0	0	0	0	0	0	0
17-1012		Landscape Architects	Bachelor's Degree	\$76,000	12.5	110	N/A	N/A	3,200	N/A	1	1	0	1	0	0	1

Ventura County Occupational Employment Data Growth Projections
CLEAN/GREEN

	U.S. D.O.L. Green Jobs in Demand		2013 Education and Training Level**	2010 VENTURA COUNTY Median Annual Wages***	2020 CALIFORNIA Employment Growth Projection	CALIFORNIA Average Annual Job Openings****	2020 VENTURA COUNTY Employment Growth Projection	VENTURA COUNTY Average Annual Job Openings****	2010 CALIFORNIA Average Annual Employment	2010 VENTURA COUNTY Average Annual Employment	2010-2013 WIA Placements	2010-2013 Training Related Placements	JTA 53 Job Readiness Training	JTA 54 Occupational Skills Training	JTA 55 On-the- Job Training	OS License	OS Certificate
SOC Code*		Occupations															
19-2031		Chemists	Bachelor's Degree	\$76,659	11.0	480	0.0	8	10,900	250	0	0	0	0	0	0	0
13-1081		Logisticians	Bachelor's Degree	\$78,861	33.8	720	11.5	19	13,600	610	1	1	0	0	0	0	1
29-9011		Occupational Health and Safety Specialists	Bachelor's Degree	\$80,890	14.3	310	7.7	6	6,300	130	1	1	0	0	0	0	1
13-1111		Management Analysts	Bachelor's Degree	\$84,448	22.5	3,220	16.0	55	82,800	1,690	1	1	0	2	0	0	1
17-1022		Surveyors	Bachelor's Degree	\$85,245	15.7	190	20.0	4	5,100	100	0	0	0	0	0	0	0
17-2081		Environmental Engineers	Bachelor's Degree	\$86,165	25.0	280	20.0	8	6,000	200	0	0	0	0	0	0	0
19-2042		Geoscientists, Except Hydrologists and Geographers	Bachelor's Degree	\$87,326	25.5	260	25.0	8	4,700	120	0	0	0	0	0	0	0
13-2051		Financial Analysts	Bachelor's Degree	\$88,146	24.3	1,370	28.3	22	30,000	460	2	1	0	2	0	0	2
17-2141		Mechanical Engineers	Bachelor's Degree	\$90,973	9.8	940	6.4	30	22,500	780	3	3	0	3	0	0	2
17-2112		Industrial Engineers	Bachelor's Degree	\$92,771	11.1	630	3.1	8	19,000	320	1	0	0	0	0	0	1
19-2032		Materials Scientists	Bachelor's Degree	\$92,999	15.4	60	N/A	N/A	1,300	N/A	0	0	0	0	0	0	0
17-2051		Civil Engineers	Bachelor's Degree	\$93,988	12.6	1,230	20.4	22	37,200	540	0	0	0	0	0	0	0
11-3051		Industrial Production Managers	Bachelor's Degree	\$94,671	10.1	590	11.8	23	17,800	680	1	0	0	2	0	0	0
17-2131		Materials Engineers	Bachelor's Degree	\$98,576	17.2	140	N/A	N/A	2,900	N/A	0	0	0	0	0	0	0
17-2071		Electrical Engineers	Bachelor's Degree	\$102,201	10.5	740	1.9	15	21,000	530	0	0	0	0	0	0	0
17-2072		Electronics Engineers, Except Computer	Bachelor's Degree	\$106,211	12.9	1,170	-7.8	37	31,800	1,530	1	0	0	0	0	0	0
11-3131		Training and Development Managers	Bachelor's Degree	\$107,568	18.5	110	16.7	2	2,700	60	0	0	0	0	0	0	0
17-2011		Aerospace Engineers	Bachelor's Degree	\$112,911	13.3	720	0.0	2	20,300	100	2	2	0	0	2	0	0
11-3031		Financial Managers	Bachelor's Degree	\$121,491	13.5	2,210	18.7	51	69,600	1,390	2	1	0	0	0	0	1
11-2021		Marketing Managers	Bachelor's Degree	\$135,742	18.6	1,540	16.2	17	32,200	370	7	3	0	0	1	0	2
11-9121		Natural Sciences Managers	Bachelor's Degree	\$143,098	17.0	680	7.0	29	8,800	430	0	0	0	0	0	0	0
11-9041		Architectural and Engineering Managers	Bachelor's Degree	\$144,681	13.9	1,010	9.6	15	30,200	520	0	0	0	0	0	0	0
19-3051		Urban and Regional Planners	Master's Degree	\$78,710	23.6	450	13.3	6	8,900	150	0	0	0	0	0	0	0
25-1032		Engineering Teachers, Postsecondary	Doctoral Degree	\$109,773	12.9	90	N/A	N/A	3,100	N/A	0	0	0	0	0	0	0

*2010 Standard Occupational Classifications and Occupational Information Network provided by the Department of Labor
**Occupational training and education classifications were developed by the Bureau of Labor Statistics (BLS).
***Median Annual Wages are the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below, and 50 percent earn wages above the median wage.
The wages are from 2010-1st quarter and do not include self-employed or unpaid family workers.
****Average Annual Job Openings includes new jobs and replacement needs.

Data Source: State of California Employment Development Department - Labor Market Info

Additional Information:

Living Wage in Ventura County as of December 2013 (California Budget Project)	
\$34,109.00	Single Adult
\$79,549.00	Single-Parent Family*
\$64,203.00	Two-Parent Family* (one working)
\$85,713.00	Two-Working-Parent Family*

*All family types are assumed to have two children.

Current Employment Data
2020 Growth Projection Data
Priority Occupations Identified by Living Wages & Employment Growth
WIA Placement and Training Data