



## WORKFORCE INVESTMENT BOARD OF VENTURA COUNTY

### HEALTHCARE COMMITTEE MEETING

**Friday, January 10, 2014  
8:00 a.m. - 9:30 a.m.**

Ventura County Community Foundation (Board Room)  
4001 Mission Oaks Blvd., Camarillo, CA

### AGENDA

- |           |   |                                |
|-----------|---|--------------------------------|
| 8:00 a.m. | <b>1.0 Call to Order and Agenda Review</b>  | Martel Fraser                  |
| 8:02 a.m. | <b>2.0 Public Comments</b><br><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.   | Martel Fraser                  |
| 8:05 a.m. | <b>3.0 Approval of Minutes:</b> November 8, 2013  | Martel Fraser                  |
| 8:10 a.m. | <b>4.0 Healthcare Spotlight: The Affordable Care Act</b>  | Patricia Duffy                 |
| 8:40 a.m. | <b>5.0 Ventura County Regional Strategic Workforce Development Plan</b> <ul style="list-style-type: none"><li>• Healthcare Committee 2-Year Plan Outline</li><li>• Healthcare Workforce Research Update</li><li>• Job Priorities in the Healthcare Sector</li></ul> | Sandy Werner<br>Richard McNeal |
| 9:25 a.m. | <b>6.0 Committee Member Comments</b>  | Committee Members              |
| 9:30 a.m. | <b>7.0 Adjournment</b><br><u>Next Meeting</u><br>March 14, 2014 (8:00 a.m.-9:30 a.m.)<br>Ventura County Community Foundation (VCCF Nonprofit Center)<br>4001 Mission Oaks Blvd. (Board Room), Camarillo   | Martel Fraser                  |



## **WIB Healthcare Committee Meeting** **November 8, 2013**

### **MINUTES**

#### **Meeting Attendees**

##### Committee Members

Martel Fraser (Chair)\*  
Greg Barnes  
Tiffany Morse  
Dawn Neuman

*\*WIB Member*

##### WIB Staff

Richard McNeal

##### Guests

Jeffrey Albaugh (Ventura Adult and  
Continuing Education)  
Lupe Barrozo (Vista Cove, Santa Paula)  
John Cordova (College of the Canyons)  
Patricia Duffy  
Cindy Jordan (Vista Cove, Santa Paula)

#### **1.0 Call to Order and Agenda Review**

Martel Fraser called the meeting to order at 8:10 a.m. No changes were made to the agenda.

#### **2.0 Public Comments**

No comments

#### **3.0 Approval of the Minutes: September 13, 2013**

Motion to approve: Dawn Neuman  
Second: Greg Barnes  
Unanimous approval

#### **4.0 Healthcare Spotlight: Skilled Nursing**

Cindy Jordan, Executive Director of Vista Cove Center, accompanied by Lupe Barrozo, discussed workforce needs in skilled nursing facilities and gave Vista Cove examples. There are 20 skilled nursing facilities in Ventura County, with 110-125 employees in each. CNAs, LVNs and RNs are on each professional staff, supported by others. With 99 beds and 110 employees, Vista Cove provides rehabilitation for short-term stays, plus wound care. CNA positions are the hardest to fill, with four full-time positions currently available out of 40, despite training opportunities through the Regional Occupational Program and the community colleges. Only two facilities in the County now host in-house training, and Vista Cove hopes to provide a third such source within a year and a half. CNA instructors are extremely hard to find because they have to be LVNs or RNs and must, by federal and state regulation, have one-year of long-term care experience plus a BA or an MA. This regulation is the single most formidable barrier to providing instruction.

#### **5.0 Ventura County Regional Strategic Workforce Plan: Healthcare Sector**

- Update on the CLS Internship Program

Dawn Neuman gave a general overview of progress on the Clinical Laboratory Scientist (CLS) field experience internship initiative. The program at California State University, Channel Islands (CSUCI) is on hold until the issue of the field experience internship is

decided, because there is a five-year backlog of prospective interns. Both Ventura County Medical Center (VCMC) and Simi Valley Hospital have responded favorably to obtaining certifications and receiving interns. The application from VCMC has been re-activated, and Simi Valley Hospital may be added to an already licensed San Fernando Valley hospital associate. Visits to Los Robles Hospital and Medical Center and Community Memorial Hospital are pending. The licensing process itself can take a year to complete.

- Building the Workforce Pipeline: Action Plan and Next Steps

Deciding to wait for a full discussion until action plan project leader Sandra Werner could be present, the Committee briefly considered what important groups are not represented on the Committee: Three immediate priorities were identified: insurance entities, community clinics and the California Association of Health Facilities. Brief reference was made to the updated list of occupations. The Committee agreed that more information on the new Affordable Care Act would be helpful, in view of its overriding importance for all future planning.

## **6.0 Committee Member Comments**

No comments

## **7.0 Adjournment**

The Committee adjourned by acclamation at 9:40 a.m.

### Next Meeting

January 10, 2014 (8:00 a.m.-9:30 a.m.)

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

## **Healthcare Committee 2-Year Plan**

### **Workforce Investment Board of Ventura County**

**Goal:** The Healthcare Committee will strive to create a diverse pipeline of workers to fill healthcare positions in Ventura County and will work to bring together partners in business, economic development, education, labor, government, and community-based organizations to address workforce shortages in healthcare.

#### **Action Plan**

- 1) Form a core team of Ventura County employers, key agencies and organizations most involved in healthcare workforce development.
  - Hospitals
  - Home health
  - Assisted living
  - Skilled nursing
  - Accountable care organizations
  - Agencies (e.g., Area Agency on Aging)
  - California State University, Channel Islands
  - Ventura County Community College District
  - Ventura County Office of Education
  - Adult education
  - Elected officials
  - Others
- 2) Develop ways to identify, engage, and communicate effectively with the core team and other healthcare workforce partners.
- 3) Inventory current training providers in the region.
  - Certification programs
  - Apprenticeships
  - Pre-work experience
  - High school academies
  - Regional Occupational Program
  - Community colleges
  - Universities
- 4) Conduct annual research to evaluate healthcare workforce needs and changes.
- 5) Identify the gaps between education and workforce needs and develop an action plan to provide a bridge to fill those gaps.
- 6) Continue to pursue clinical laboratory certifications and identify field experience program options in support of the CLS program at California State University, Channel Islands.
- 7) Determine the need/scope for discharge support (e.g., planners; at home; aides). Create and conduct own local survey.
- 8) Evaluate all programs with a focus on cultural awareness as it relates to the workforce in Ventura County
- 9) Establish a form of measurement that can accurately monitor the progress of the Healthcare Committee.

Ventura County Occupational Employment Data & Growth Projections																	
HEALTHCARE																	
SOC Code*	Occupations	2010 CALIFORNIA Average Annual Employment	2010 VENTURA COUNTY Average Annual Employment	2010 VENTURA COUNTY Median Annual Wages**	2013 Education and Training Level***	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	2020 CALIFORNIA Employment Growth Projection	CALIFORNIA Average Annual Job Openings****	2020 VENTURA COUNTY Employment Growth Projection	VENTURA COUNTY Average Annual Job Openings****	Notes
29-1061	Anesthesiologists	5,800	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	17.2	220	N/A	N/A	
29-9091	Athletic Trainers	1,000	N/A	\$45,972	Bachelor's Degree	0	0	0	0	0	0	0	30.0	60	N/A	N/A	
29-1181	Audiologists	1,500	N/A	\$74,231	Doctoral Degree	0	0	0	0	0	0	0	20.0	40	N/A	N/A	
19-1021	Biochemists and Biophysicists	6,400	90	\$81,515	Doctoral Degree	0	0	0	0	0	0	0	37.5	390	22.2	4	
19-4021	Biological Technicians	11,400	110	\$44,607	Bachelor's Degree	6	6	0	0	6	0	0	16.7	570	9.1	3	
29-2031	Cardiovascular Technologists and Technicians	3,600	N/A	\$57,631	Associate's Degree	1	1	0	0	0	0	0	25.0	150	N/A	N/A	
29-1011	Chiropractors	3,900	80	\$66,731	Doctoral Degree	0	0	0	0	0	0	0	5.1	100	25.0	4	
31-9091	Dental Assistants	43,700	940	\$35,516	Vocational / OJT	2	2	0	4	1	0	2	12.1	1,450	24.5	43	
29-2021	Dental Hygienists	19,900	630	\$96,317	Associate's Degree	0	0	0	0	0	0	0	17.1	750	30.2	32	
29-1029	Dentists, All Other Specialists	1,300	N/A	\$138,971	Doctoral Degree	0	0	0	0	0	0	0	0.0	50	N/A	N/A	
29-1021	Dentists, General	17,000	260	\$134,204	Doctoral Degree	0	0	0	0	0	0	0	4.1	580	15.4	12	
29-2032	Diagnostic Medical Sonographers	5,300	N/A	\$83,540	Associate's Degree	0	0	0	0	0	0	0	37.7	280	N/A	N/A	
29-2051	Dietetic Technicians	1,900	N/A	\$35,032	H.S. Diploma	0	0	0	0	0	0	0	15.8	60	N/A	N/A	
29-1031	Dietitians and Nutritionists	7,000	110	\$68,621	Bachelor's Degree	3	0	0	0	0	0	1	20.0	390	9.1	6	
29-2041	Emergency Medical Technicians and Paramedics	15,900	230	\$31,578	Vocational / OJT	0	0	0	0	0	0	0	42.1	990	30.4	12	
29-1062	Family and General Practitioners	12,300	N/A	\$167,470	Doctoral Degree	0	0	0	0	0	0	0	22.0	510	N/A	N/A	
29-1199	Health Diagnosing and Treating Practitioners	4,500	N/A	\$68,448	Master's Degree	0	0	0	0	0	0	0	20.0	180	N/A	N/A	
29-2799	Health Technologists and Technicians, All Other	15,000	320	\$41,211	Vocational / OJT	0	0	0	0	0	0	0	25.3	680	28.1	15	
29-9799	Healthcare Practitioners and Technical Workers	8,300	120	\$67,897	Bachelor's Degree	0	0	0	0	0	0	0	19.3	450	25.0	7	
21-1022	Healthcare Social Workers	12,600	340	\$60,777	Master's Degree	0	0	0	0	0	0	0	31.0	690	26.5	17	
31-9799*	Healthcare Support Workers, All Other	23,100	480	\$36,308	H.S. Diploma	0	0	0	0	0	0	0	15.6	710	16.7	15	
31-1011	Home Health Aides	61,100	1,130	\$21,712	Less Than H.S.	9	3	0	0	0	0	4	52.4	3,990	62.8	86	
29-1063	Internists, General	8,300	N/A	\$186,395	Doctoral Degree	0	0	0	0	0	0	0	20.5	340	N/A	N/A	
29-2061	Licensed Practical and Licensed Vocational Nurses	64,500	1,100	\$51,760	Vocational / OJT	5	2	0	4	0	0	2	22.5	3,170	27.3	59	
19-4099	Life, Physical, and Social Science Technicians	7,800	950	\$46,349	Associate's Degree	5	4	0	0	0	1	1	14.1	440	6.3	36	
31-9011	Massage Therapists	24,100	200	\$34,422	Vocational / OJT	2	0	0	0	0	0	1	14.1	730	20.0	7	
29-2012	Medical and Clinical Laboratory Technicians	16,900	120	\$40,799	Associate's Degree	0	0	0	0	0	0	0	14.8	580	0.0	2	
29-2011	Medical and Clinical Laboratory Technologists	11,800	110	\$81,068	Bachelor's Degree	0	0	0	0	0	0	0	11.9	370	0.0	2	
11-9111	Medical and Health Services Managers	27,800	510	\$101,695	Bachelor's Degree	0	0	0	0	0	0	0	18.7	1,210	19.6	22	
31-9092	Medical Assistants	80,900	2,000	\$31,586	Vocational / OJT	32	22	1	97	1	0	24	22.4	3,050	23.5	78	
31-9093	Medical Equipment Preparers	7,100	80	\$32,449	H.S. Diploma	0	0	0	0	0	0	0	12.7	200	12.5	2	
29-2071	Medical Records and Health Information Technicians	17,400	300	\$37,923	Vocational / OJT	5	5	0	5	1	0	3	19.0	680	13.3	10	
19-1042	Medical Scientists, Except Epidemiologists	27,800	N/A	\$83,430	Doctoral Degree	0	0	0	0	0	0	0	41.4	1,320	N/A	N/A	
31-9094	Medical Transcriptionists	6,000	50	\$43,045	Vocational / OJT	1	1	0	0	0	0	1	1.7	100	-20.0	1	
21-1023	Mental Health and Substance Abuse Social Workers	10,600	200	\$44,668	Bachelor's Degree	1	0	0	0	0	0	0	17.9	440	25.0	10	
19-1022	Microbiologists	3,600	N/A	\$77,332	Bachelor's Degree	0	0	0	0	0	0	0	22.2	160	N/A	N/A	
29-2033	Nuclear Medicine Technologists	1,600	N/A	\$93,357	Associate's Degree	0	0	0	0	0	0	0	12.5	50	N/A	N/A	
31-1012	Nursing Aides, Orderlies, and Attendants	109,500	1,560	\$27,898	Vocational / OJT	0	0	0	0	0	0	0	22.5	3,880	17.9	49	
29-1064	Obstetricians and Gynecologists	3,200	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	21.9	130	N/A	N/A	
29-9011	Occupational Health and Safety Specialists	6,300	130	\$80,890	Bachelor's Degree	1	1	0	0	0	0	1	14.3	310	7.7	6	
29-1122	Occupational Therapists	9,000	240	\$86,960	Master's Degree	0	0	0	0	0	0	0	24.4	380	37.5	14	
31-2011	Occupational Therapy Assistants	2,000	390	\$63,459	Associate's Degree	0	0	0	0	0	0	0	35.0	100	46.2	24	
29-2081	Opticians, Dispensing	6,200	200	\$37,615	H.S. Diploma	2	1	0	0	1	0	1	17.7	240	30.0	10	
29-1041	Optometrists	4,100	150	\$91,913	Doctoral Degree	0	0	0	0	0	0	0	17.1	220	26.7	9	
29-1023	Orthodontists	1,100	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	9.1	30	N/A	N/A	
29-1065	Pediatricians, General	6,100	N/A	\$162,286	Doctoral Degree	0	0	0	0	0	0	0	19.7	250	N/A	N/A	
29-1051	Pharmacists	23,600	420	\$130,563	Doctoral Degree	0	0	0	0	0	0	0	26.7	1,230	21.4	20	
31-9095	Pharmacy Aides	8,100	N/A	\$24,158	H.S. Diploma	0	0	0	0	0	0	0	32.1	380	N/A	N/A	
29-2052	Pharmacy Technicians	29,000	480	\$38,285	H.S. Diploma	12	9	0	24	0	0	10	33.1	1,460	27.1	21	
31-2022	Physical Therapist Aides	6,400	240	\$26,165	H.S. Diploma	2	1	0	2	0	0	2	29.7	300	50.0	15	
31-2021	Physical Therapist Assistants	4,600	100	\$58,643	Associate's Degree	0	0	0	0	0	0	0	30.4	210	40.0	6	
29-1123	Physical Therapists	16,500	420	\$87,194	Doctoral Degree	0	0	0	0	0	0	0	23.6	580	38.1	21	
29-1071	Physician Assistants	8,300	80	\$95,207	Master's Degree	0	0	0	0	0	0	0	25.3	380	25.0	4	

Ventura County Occupational Employment Data & Growth Projections																	
HEALTHCARE																	
SOC Code*	Occupations	2010 CALIFORNIA Average Annual Employment	2010 VENTURA COUNTY Average Annual Employment	2010 VENTURA COUNTY Median Annual Wages**	2013 Education and Training Level***	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	2020 CALIFORNIA Employment Growth Projection	CALIFORNIA Average Annual Job Openings****	2020 VENTURA COUNTY Employment Growth Projection	VENTURA COUNTY Average Annual Job Openings****	Notes
29-1069	Physicians and Surgeons, All Other	29,900	280	>\$187,200	Doctoral Degree	0	0	0	0	0	0	0	15.7	1,060	17.9	10	
29-1081	Podiatrists	1,100	N/A	\$112,513	Doctoral Degree	0	0	0	0	0	0	0	0.0	30	N/A	N/A	
31-1013	Psychiatric Aides	2,600	N/A	\$26,444	H.S. Diploma	0	0	0	0	0	0	0	19.2	70	N/A	N/A	
29-2053	Psychiatric Technicians	8,900	120	\$53,623	Vocational / OJT	1	1	0	2	0	0	1	21.3	340	0.0	3	
29-1066	Psychiatrists	4,800	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	14.6	170	N/A	N/A	
19-3039	Psychologists	1,700	N/A	\$101,402	Master's Degree	0	0	0	0	0	0	0	11.8	70	N/A	N/A	
29-1124	Radiation Therapists	1,600	N/A	\$95,808	Associate's Degree	0	0	0	0	0	0	0	12.5	50	N/A	N/A	
29-2037	Radiologic Technologists and Technicians	17,200	380	\$69,409	Associate's Degree	0	0	0	0	0	0	0	23.8	680	21.1	14	
29-1125	Recreational Therapists	1,000	N/A	\$60,879	Bachelor's Degree	0	0	0	0	0	0	0	10.0	50	N/A	N/A	
29-1111	Registered Nurses	251,800	3,780	\$89,577	Associate's Degree	0	0	0	0	0	0	0	21.6	9,980	21.7	150	
29-1126	Respiratory Therapists	14,200	210	\$70,318	Associate's Degree	0	0	0	0	0	0	0	26.1	630	19.0	8	
11-9151	Social and Community Service Managers	15,600	510	\$64,750	Bachelor's Degree	1	0	0	2	0	0	0	20.5	660	15.7	19	
19-3099	Social Scientists and Related Workers	4,000	N/A	\$78,465	Bachelor's Degree	0	0	0	0	0	0	0	22.5	260	N/A	N/A	
21-1029	Social Workers	13,000	510	\$63,971	Bachelor's Degree	0	0	0	0	0	0	0	13.1	490	5.9	16	
29-1127	Speech-Language Pathologists	11,500	350	\$84,861	Master's Degree	0	0	0	0	0	0	0	13.9	380	22.9	15	
29-1067	Surgeons	5,700	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	19.3	220	N/A	N/A	
29-2055	Surgical Technologists	8,900	120	\$50,710	Vocational / OJT	2	2	0	4	0	0	2	14.6	290	8.3	3	
29-1128	Therapists, All Other	4,000	N/A	\$42,454	Master's Degree	0	0	0	0	0	0	0	22.5	180	N/A	N/A	
29-1131	Veterinarians	5,800	210	\$91,950	Doctoral Degree	0	0	0	0	0	0	0	17.2	210	33.3	11	
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	8,100	N/A	\$25,173	H.S. Diploma	3	3	0	0	3	0	0	1.2	130	N/A	N/A	
29-2056	Veterinary Technologists and Technicians	8,400	N/A	\$34,876	Associate's Degree	2	1	0	0	1	0	0	31.0	410	N/A	N/A	

\*2010 Standard Occupational Classifications and Occupational Information Network provided by the Department of Labor

\*\*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.

\*\*\*Occupational training and education classifications were developed by the Bureau of Labor Statistics (BLS).

\*\*\*\*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
WIA Placement and Training Data
2020 Growth Projection Data



Ventura County Occupational Employment Data & Growth Projections																	
HEALTHCARE																	
SOC Code*	Occupations	2010 CALIFORNIA Average Annual Employment	2010 VENTURA COUNTY Average Annual Employment	2010 VENTURA COUNTY Median Annual Wages**	2013 Education and Training Level***	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	2020 CALIFORNIA Employment Growth Projection	CALIFORNIA Average Annual Job Openings****	2020 VENTURA COUNTY Employment Growth Projection	VENTURA COUNTY Average Annual Job Openings****	Notes
31-1011	Home Health Aides	61,100	1,130	\$21,712	Less Than H.S.	9	3	0	0	0	0	4	52.4	3,990	62.8	86	
31-9095	Pharmacy Aides	8,100	N/A	\$24,158	H.S. Diploma	0	0	0	0	0	0	0	32.1	380	N/A	N/A	
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	8,100	N/A	\$25,173	H.S. Diploma	3	3	0	0	3	0	0	1.2	130	N/A	N/A	
31-2022	Physical Therapist Aides	6,400	240	\$26,165	H.S. Diploma	2	1	0	2	0	0	2	29.7	300	50.0	15	
31-1013	Psychiatric Aides	2,600	N/A	\$26,444	H.S. Diploma	0	0	0	0	0	0	0	19.2	70	N/A	N/A	
31-1012	Nursing Aides, Orderlies, and Attendants	109,500	1,560	\$27,898	Vocational / OJT	0	0	0	0	0	0	0	22.5	3,880	17.9	49	
29-2041	Emergency Medical Technicians and Paramedics	15,900	230	\$31,578	Vocational / OJT	0	0	0	0	0	0	0	42.1	990	30.4	12	
31-9092	Medical Assistants	80,900	2,000	\$31,586	Vocational / OJT	32	22	1	97	1	0	24	22.4	3,050	23.5	78	
31-9093	Medical Equipment Preparers	7,100	80	\$32,449	H.S. Diploma	0	0	0	0	0	0	0	12.7	200	12.5	2	
31-9011	Massage Therapists	24,100	200	\$34,422	Vocational / OJT	2	0	0	0	0	0	1	14.1	730	20.0	7	
29-2056	Veterinary Technologists and Technicians	8,400	N/A	\$34,876	Associate's Degree	2	1	0	0	1	0	0	31.0	410	N/A	N/A	
29-2051	Dietetic Technicians	1,900	N/A	\$35,032	H.S. Diploma	0	0	0	0	0	0	0	15.8	60	N/A	N/A	
31-9091	Dental Assistants	43,700	940	\$35,516	Vocational / OJT	2	2	0	4	1	0	2	12.1	1,450	24.5	43	
31-9799*	Healthcare Support Workers, All Other	23,100	480	\$36,308	H.S. Diploma	0	0	0	0	0	0	0	15.6	710	16.7	15	
29-2081	Opticians, Dispensing	6,200	200	\$37,615	H.S. Diploma	2	1	0	0	1	0	1	17.7	240	30.0	10	
29-2071	Medical Records and Health Information Technicians	17,400	300	\$37,923	Vocational / OJT	5	5	0	5	1	0	3	19.0	680	13.3	10	
29-2052	Pharmacy Technicians	29,000	480	\$38,285	H.S. Diploma	12	9	0	24	0	0	10	33.1	1,460	27.1	21	
29-2012	Medical and Clinical Laboratory Technicians	16,900	120	\$40,799	Associate's Degree	0	0	0	0	0	0	0	14.8	580	0.0	2	
29-2799	Health Technologists and Technicians, All Other	15,000	320	\$41,211	Vocational / OJT	0	0	0	0	0	0	0	25.3	680	28.1	15	
29-1128	Therapists, All Other	4,000	N/A	\$42,454	Master's Degree	0	0	0	0	0	0	0	22.5	180	N/A	N/A	
31-9094	Medical Transcriptionists	6,000	50	\$43,045	Vocational / OJT	1	1	0	0	0	0	1	1.7	100	-20.0	1	
19-4021	Biological Technicians	11,400	110	\$44,607	Bachelor's Degree	6	6	0	0	6	0	0	16.7	570	9.1	3	
21-1023	Mental Health and Substance Abuse Social Workers	10,600	200	\$44,668	Bachelor's Degree	1	0	0	0	0	0	0	17.9	440	25.0	10	
29-9091	Athletic Trainers	1,000	N/A	\$45,972	Bachelor's Degree	0	0	0	0	0	0	0	30.0	60	N/A	N/A	
19-4099	Life, Physical, and Social Science Technicians	7,800	950	\$46,349	Associate's Degree	5	4	0	0	0	1	1	14.1	440	6.3	36	
29-2055	Surgical Technologists	8,900	120	\$50,710	Vocational / OJT	2	2	0	4	0	0	2	14.6	290	8.3	3	
29-2061	Licensed Practical and Licensed Vocational Nurses	64,500	1,100	\$51,760	Vocational / OJT	5	2	0	4	0	0	2	22.5	3,170	27.3	59	
29-2053	Psychiatric Technicians	8,900	120	\$53,623	Vocational / OJT	1	1	0	2	0	0	1	21.3	340	0.0	3	
29-2031	Cardiovascular Technologists and Technicians	3,600	N/A	\$57,631	Associate's Degree	1	1	0	0	0	0	0	25.0	150	N/A	N/A	
31-2021	Physical Therapist Assistants	4,600	100	\$58,643	Associate's Degree	0	0	0	0	0	0	0	30.4	210	40.0	6	
21-1022	Healthcare Social Workers	12,600	340	\$60,777	Master's Degree	0	0	0	0	0	0	0	31.0	690	26.5	17	
29-1125	Recreational Therapists	1,000	N/A	\$60,879	Bachelor's Degree	0	0	0	0	0	0	0	10.0	50	N/A	N/A	
31-2011	Occupational Therapy Assistants	2,000	390	\$63,459	Associate's Degree	0	0	0	0	0	0	0	35.0	100	46.2	24	
21-1029	Social Workers	13,000	510	\$63,971	Bachelor's Degree	0	0	0	0	0	0	0	13.1	490	5.9	16	
11-9151	Social and Community Service Managers	15,600	510	\$64,750	Bachelor's Degree	1	0	0	2	0	0	0	20.5	660	15.7	19	
29-1011	Chiropractors	3,900	80	\$66,731	Doctoral Degree	0	0	0	0	0	0	0	5.1	100	25.0	4	
29-9799	Healthcare Practitioners and Technical Workers	8,300	120	\$67,897	Bachelor's Degree	0	0	0	0	0	0	0	19.3	450	25.0	7	
29-1199	Health Diagnosing and Treating Practitioners	4,500	N/A	\$68,448	Master's Degree	0	0	0	0	0	0	0	20.0	180	N/A	N/A	
29-1031	Dietitians and Nutritionists	7,000	110	\$68,621	Bachelor's Degree	3	0	0	0	0	0	1	20.0	390	9.1	6	
29-2037	Radiologic Technologists and Technicians	17,200	380	\$69,409	Associate's Degree	0	0	0	0	0	0	0	23.8	680	21.1	14	
29-1126	Respiratory Therapists	14,200	210	\$70,318	Associate's Degree	0	0	0	0	0	0	0	26.1	630	19.0	8	
29-1181	Audiologists	1,500	N/A	\$74,231	Doctoral Degree	0	0	0	0	0	0	0	20.0	40	N/A	N/A	
19-1022	Microbiologists	3,600	N/A	\$77,332	Bachelor's Degree	0	0	0	0	0	0	0	22.2	160	N/A	N/A	
19-3099	Social Scientists and Related Workers	4,000	N/A	\$78,465	Bachelor's Degree	0	0	0	0	0	0	0	22.5	260	N/A	N/A	
29-9011	Occupational Health and Safety Specialists	6,300	130	\$80,890	Bachelor's Degree	1	1	0	0	0	0	1	14.3	310	7.7	6	
29-2011	Medical and Clinical Laboratory Technologists	11,800	110	\$81,068	Bachelor's Degree	0	0	0	0	0	0	0	11.9	370	0.0	2	
19-1021	Biochemists and Biophysicists	6,400	90	\$81,515	Doctoral Degree	0	0	0	0	0	0	0	37.5	390	22.2	4	
19-1042	Medical Scientists, Except Epidemiologists	27,800	N/A	\$83,430	Doctoral Degree	0	0	0	0	0	0	0	41.4	1,320	N/A	N/A	
29-2032	Diagnostic Medical Sonographers	5,300	N/A	\$83,540	Associate's Degree	0	0	0	0	0	0	0	37.7	280	N/A	N/A	

Ventura County Occupational Employment Data & Growth Projections																	
HEALTHCARE																	
SOC Code*	Occupations	2010 CALIFORNIA Average Annual Employment	2010 VENTURA COUNTY Average Annual Employment	2010 VENTURA COUNTY Median Annual Wages**	2013 Education and Training Level***	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	2020 CALIFORNIA Employment Growth Projection	CALIFORNIA Average Annual Job Openings****	2020 VENTURA COUNTY Employment Growth Projection	VENTURA COUNTY Average Annual Job Openings****	Notes
29-1127	Speech-Language Pathologists	11,500	350	\$84,861	Master's Degree	0	0	0	0	0	0	0	13.9	380	22.9	15	
29-1122	Occupational Therapists	9,000	240	\$86,960	Master's Degree	0	0	0	0	0	0	0	24.4	380	37.5	14	
29-1123	Physical Therapists	16,500	420	\$87,194	Doctoral Degree	0	0	0	0	0	0	0	23.6	580	38.1	21	
29-1111	Registered Nurses	251,800	3,780	\$89,577	Associate's Degree	0	0	0	0	0	0	0	21.6	9,980	21.7	150	
29-1041	Optometrists	4,100	150	\$91,913	Doctoral Degree	0	0	0	0	0	0	0	17.1	220	26.7	9	
29-1131	Veterinarians	5,800	210	\$91,950	Doctoral Degree	0	0	0	0	0	0	0	17.2	210	33.3	11	
29-2033	Nuclear Medicine Technologists	1,600	N/A	\$93,357	Associate's Degree	0	0	0	0	0	0	0	12.5	50	N/A	N/A	
29-1071	Physician Assistants	8,300	80	\$95,207	Master's Degree	0	0	0	0	0	0	0	25.3	380	25.0	4	
29-1124	Radiation Therapists	1,600	N/A	\$95,808	Associate's Degree	0	0	0	0	0	0	0	12.5	50	N/A	N/A	
29-2021	Dental Hygienists	19,900	630	\$96,317	Associate's Degree	0	0	0	0	0	0	0	17.1	750	30.2	32	
19-3039	Psychologists	1,700	N/A	\$101,402	Master's Degree	0	0	0	0	0	0	0	11.8	70	N/A	N/A	
11-9111	Medical and Health Services Managers	27,800	510	\$101,695	Bachelor's Degree	0	0	0	0	0	0	0	18.7	1,210	19.6	22	
29-1081	Podiatrists	1,100	N/A	\$112,513	Doctoral Degree	0	0	0	0	0	0	0	0.0	30	N/A	N/A	
29-1051	Pharmacists	23,600	420	\$130,563	Doctoral Degree	0	0	0	0	0	0	0	26.7	1,230	21.4	20	
29-1021	Dentists, General	17,000	260	\$134,204	Doctoral Degree	0	0	0	0	0	0	0	4.1	580	15.4	12	
29-1029	Dentists, All Other Specialists	1,300	N/A	\$138,971	Doctoral Degree	0	0	0	0	0	0	0	0.0	50	N/A	N/A	
29-1065	Pediatricians, General	6,100	N/A	\$162,286	Doctoral Degree	0	0	0	0	0	0	0	19.7	250	N/A	N/A	
29-1062	Family and General Practitioners	12,300	N/A	\$167,470	Doctoral Degree	0	0	0	0	0	0	0	22.0	510	N/A	N/A	
29-1063	Internists, General	8,300	N/A	\$186,395	Doctoral Degree	0	0	0	0	0	0	0	20.5	340	N/A	N/A	
29-1069	Physicians and Surgeons, All Other	29,900	280	>\$187,200	Doctoral Degree	0	0	0	0	0	0	0	15.7	1,060	17.9	10	
29-1061	Anesthesiologists	5,800	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	17.2	220	N/A	N/A	
29-1064	Obstetricians and Gynecologists	3,200	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	21.9	130	N/A	N/A	
29-1023	Orthodontists	1,100	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	9.1	30	N/A	N/A	
29-1066	Psychiatrists	4,800	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	14.6	170	N/A	N/A	
29-1067	Surgeons	5,700	N/A	N/A	Doctoral Degree	0	0	0	0	0	0	0	19.3	220	N/A	N/A	

\*2010 Standard Occupational Classifications and Occupational Information Network provided by the Department of Labor

\*\*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.

\*\*\*Occupational training and education classifications were developed by the Bureau of Labor Statistics (BLS).

\*\*\*\*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)

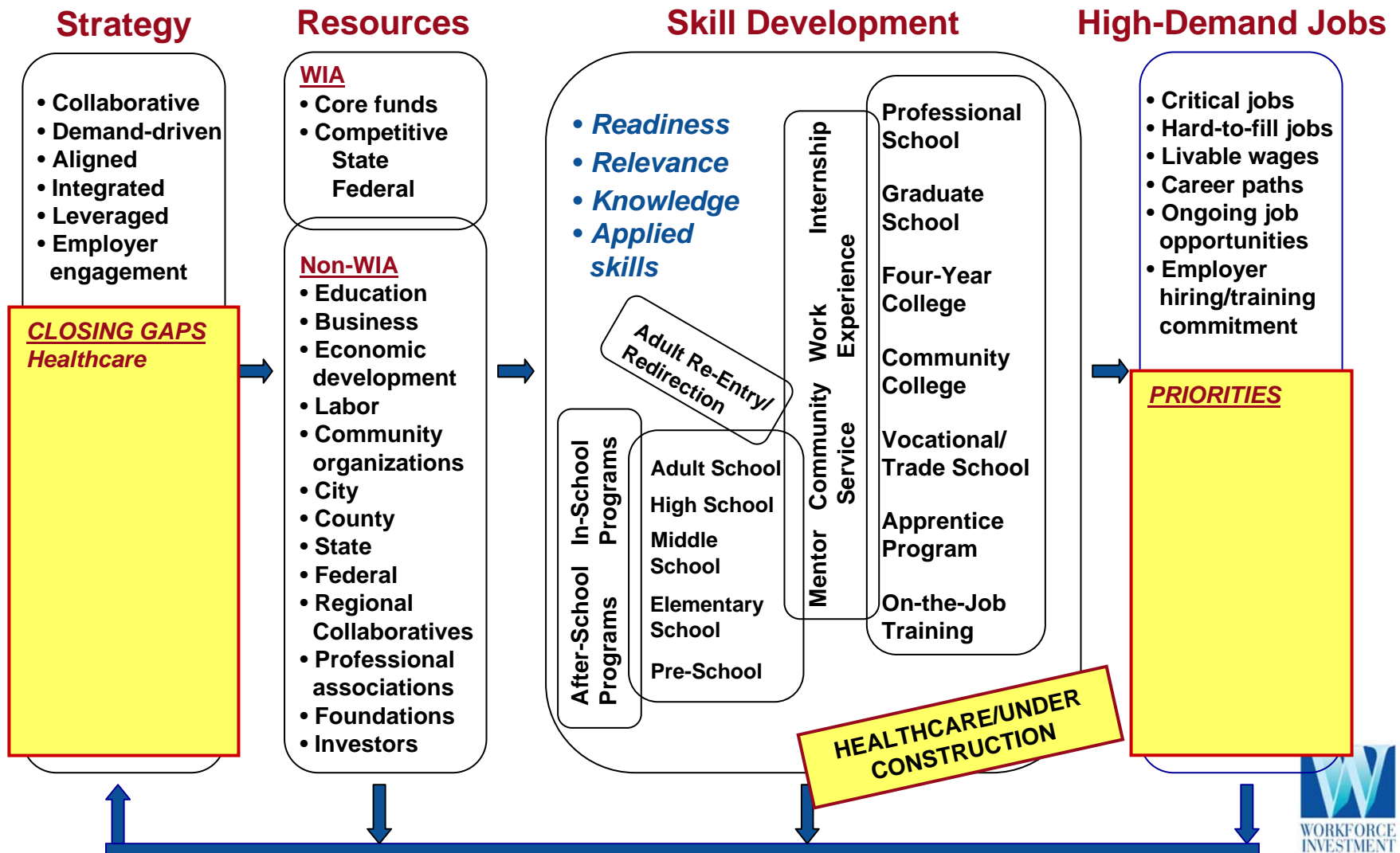
\$34,109.00 Single Adult  
\$79,549.00 Single-Parent Family\*  
\$64,203.00 Two-Parent Family\* (one working)  
\$85,713.00 Two-Working-Parent Family\*

\*All family types are assumed to have two children.

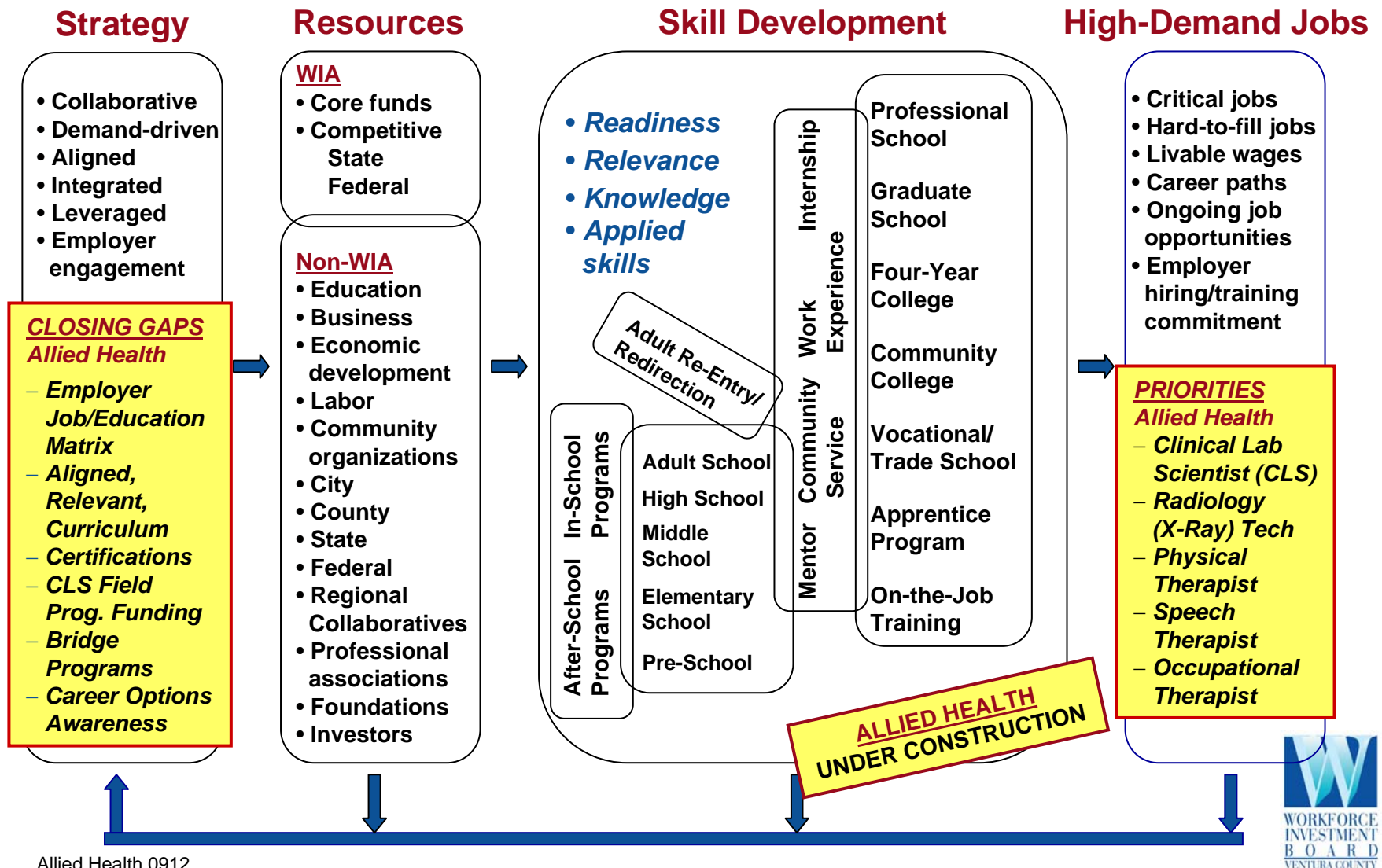
Current Employment Data
WIA Placement and Training Data
2020 Growth Projection Data



# BUILDING A COMPETITIVE WORKFORCE PIPELINE IN VENTURA COUNTY



# BUILDING A COMPETITIVE WORKFORCE PIPELINE IN VENTURA COUNTY



## Health Workforce Development Council

To help alleviate workforce shortages in California's health sector, the California Workforce Investment Board (the State Board) established the Health Workforce Development Council (HWDC) in August 2010. The HWDC will be a broad partnership consisting of industry representatives, education, economic development, elected officials, the public workforce system, philanthropic organizations, community-based organizations, health professional and advocacy organizations and organized labor. Its mission is to help expand California's health workforce in order to provide access to quality healthcare for all Californians. This includes the objective of expanding California's full-time primary care workforce by 10 to 25 percent over 10 years.

The HWDC is tasked with understanding the current and future health workforce needs of California and with developing a comprehensive strategy to meet those needs. Health workforce development issues will be addressed by the HWDC through strategic actions at the state, regional, and local levels by understanding, assessing and acting on the training and education, skill development, and capacity and expansion needs of the Health Sector. The HWDC functions as a special committee of the State Board and staff support for the Council will be provided by the State Board and the [Office of Statewide Health Planning and Development \(OSHPD\)](#). HWDC meetings, the first of which is anticipated to occur in early to mid-October in Sacramento, will be open to the public along with agendas, presentations, and other materials presented.

- [HWDC Member Roster](#)
- [Meeting Materials and Presentations](#)
- [Membership Ad Hoc Committee](#)
- [2013 Funding Opportunities](#)
- [Other Significant Events](#)

### Report on Health Workforce Development Needs

The following documents are being offered for public review and comment. Public comment will be accepted during the period of Wednesday, January 22 through Wednesday January 29. Please submit any comments to: [Discuss.Issues@cwib.ca.gov](mailto:Discuss.Issues@cwib.ca.gov).

#### ***Report on Health Workforce Development Needs: Findings and Recommendations***

The work of the Health Workforce Development Council (HWDC) and its sub-committees has been distilled into a concise report. The report is intended to serve numerous purposes – documentation/validation of the HWDC's work to date, an informational/marketing piece for policy makers and stakeholders and a vision piece for its ongoing work.

#### ***Themes and Priority Recommendations: Audience/Action Needed***

A matrix of high impact recommendations (selected from action plans developed by the HWDC implementation teams) was developed using the following criteria:

- High impact on the successful implementation of Health Care Reform
- Contribution to addressing priority workforce needs
- Feasibility/probability of achieving intended results
- Cost
- Potential availability of resources



Those priorities were then organized under seven broad themes related to the development of a comprehensive strategy for health workforce development. As a part of the implementation strategy, the HWDC prioritized the recommendations by major type of action required: legislative, administrative, funding opportunities education leadership and workforce system.

## Action Plan Ad Hoc Committee

The California Workforce Investment Board (State Board), at the direction of the Health Workforce Development Council's (Health Council) Action Plan Ad Hoc Committee (Committee) is providing a public comment period for the Committee's Action Plans. These are the first drafts of the action plans and we encourage stakeholders to provide comments and suggested edits.

All comments and edits will be forwarded to the action plan development teams for review and consideration for the final drafts.

### Action Plan Ad Hoc Committee

Phase I of the action plans were available for public comment during the period of February 22 through March 30, 2012 and included the following action plans:

- [Community Health Worker-Promotores](#)
- [Clinical Lab Scientist](#)
- [Medical Assistant](#)
- [Nursing](#)
- [Physician Assistant](#)
- [Primary Care Physician](#)
- [Public Health](#)
- [Social Work](#)
- [Crosscutting – Cultural Responsiveness and Sensitivity](#)
- [Crosscutting – Data Clearinghouse](#)
- [Crosscutting – Education](#)
- [Crosscutting – Recruitment and Retention](#)

Phase II of the action plans are available for public comment from September 12 through September 28, 2012 and include the following:

- [Imaging](#)
- [Oral Health](#)
- [Home Health Aides and Certified Nurse Assistant](#)

The following policy brief is also available for review and comment:

- [Alcohol and Drug Counselors Policy Brief](#)

Action plans may be accessed by clicking the titles above. Comments may be submitted to: [Discuss.Issues@cwib.ca.gov](mailto:Discuss.Issues@cwib.ca.gov). When providing comments we ask that you provide the name of the profession/crosscutting issue and the page in the document which you are referencing.

#### Background

At the December 14, 2011 Health Council meeting, the membership requested the formation of the Action Plan Ad Hoc Committee (Committee). The purpose of the Committee was to:

- Assist the Health Council in moving recommendations gathered as a part of federal Health Care Workforce Development Planning grant into action and implementation
- Solidify the infrastructure for California's healthcare workforce
- Utilize the recommendations to establish implementation leads and plan
- Confirm the overarching Mission of the Health Council

The Committee was comprised of Health Council members and other interested stakeholders. The Committee met three times during January and February 2012. As a result of those meetings, draft action plans were developed for the health professions and crosscutting issues listed above.

The Committee acknowledged that there are a broad array of stakeholders throughout California that have been examining these occupations and issues. The Health Council requested the State Board provide an opportunity for broad public comment on its Action Plans. This will give entities that have similar efforts underway an opportunity to provide comments to help ensure California has the benefit of these efforts.

The action plans will be presented at the next Health Council meeting.

### **Career Pathway Sub-Committee**

The California Workforce Investment Board (State Board), in consult with the Office of Statewide Health Planning and Development, reconvened the Career Pathway Sub-Committee (Committee), a sub-committee of its Health Workforce Development Council. The Committee was comprised a cross-section of educational system representatives, employers, workforce development professionals, advocacy and professional associations, and researchers and was charged with creating career pathways for high priority health occupations. The Sub-Committee's reports can be found below.

### **Career Pathway Sub-Committee Final Report**

- [Career Pathway Sub-Committee Final Report 10-10-12](#)
- [Career Pathway Sub-Committee Final Report 12-7-11](#)

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	Conejo Valley	N/A			
	Oxnard	N/A			
	Simi Valley	N/A			
	VACE	N/A			
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	Botany Zoology	Environmental Studies Exotic Animal Training Management	Exotic Animal Training Management	
	Oxnard	Marine Studies	Coastal Environmental Studies		
	Ventura	Environmental Studies/Resource Management	Biological Sciences Water Science	Biological Sciences Water Science	Biotechnician Environmental Studies



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	Conejo Valley	Adobe Production Graphics (Certificate) Photoshop Level I Photoshop Level II Illustrator Level I InDesign Level I		
	Oxnard	N/A		
	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/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	Journalism Commercial Photography	2-D Studio Art FTVM Production Graphic Design Multimedia Technical Theater	FTVM Production Graphic Design Multimedia Technical Theater	
	Oxnard	Digital Media Studies	2-D Studio Art TV, Filmmaking and Media Arts		
	Ventura		Photography	Photography	Technical Theater Production

Building Trades and Construction					
High School	District	High School	Pathway	Courses	
	Conejo Valley Unified School District	Conejo Valley Westlake Newbury Park Thousand Oaks	Cabinet Making and Wood	Wood I Wood II Cabinet Making (ROP)	
	Oxnard Union High School District	Adolfo Camarillo Oxnard	Cabinet Making and Wood	Wood I Wood II Cabinetmaking Production Technology	
		OHS	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	Conejo Valley	Woodworking/Refinishing			
	Oxnard	N/A			
	Simi Valley	N/A			
	VACE	N/A			
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	N/A			
	Oxnard	N/A			
	Ventura	Construction Technology	Building Inspection Construction Management Industrial Design	Building Inspection Construction Management Industrial Design	Electrician Trainee

Finance and Business				
	District	School	Pathway	Courses
High School	Conejo Valley Unified School District	Newbury Park		Entrepreneurship
	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	Conejo Valley	Computerized Accounting Technician (Certificate) QuickBooks and Computerized Accounting (Certificate) QuickBooks Pro, Level I QuickBooks Pro, Level II Applied QuickBooks Bookkeeping Certificate Program Loan Signing Agent		
	Oxnard	Computerized Accounting		
	Simi Valley	Account Clerk Bookkeeper		

Community College	VACE	Accounting Clerk Computerized Financial Accounting Payroll Clerk Business Administration Business Administration and Management Business Manager/World Wide Web			
	Finance and Business Continued				
	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	Accounting	Business		
	Oxnard	Accounting Business	Business Administration	Business Management	
	Ventura		Accounting Business Management	Accounting Business Management	Bookkeeping

Education, Child Development, and Family Services					
High School	District	School	Pathway	Courses	
	Conejo Valley Unified School District	Newbury Park, Thousand Oaks		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	
Adult School	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	
	Conejo Valley	N/A			
	Oxnard	N/A			
	Simi Valley	N/A			
Community College	VACE	N/A			
	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark		Child Development/ECE	Child Development/ECE Associate Teacher	
	Oxnard		Child Development Early Childhood Ed Human Services	Child Development Early Childhood Ed Human Services	
	Ventura		Child Development	Child Development	



Engineering and Design					
High School	District	School	Pathway	Courses	
	Conejo Valley Unified School District	Thousand Oaks	Architecture and Structural Engineering	Computer Aided Drafting Architectural Design I Architectural Design II	
		Westlake	Architectural and Structural Engineering	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	
Adult School	Conejo Valley	N/A			
	Oxnard	N/A			
	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	N/A			
	Ventura	Architecture Drafting	Industrial Design/Manufacturing	Industrial Design/Manufacturing	

Energy and Utilities					
High School	District	School	Pathway	Courses	
	N/A				
	N/A				
Adult School	Conejo Valley	N/A			
	Oxnard	N/A			
	Simi Valley	N/A			
	VACE	N/A			
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark				Photovoltaic Technology
	Oxnard		Environmental Control Technology	Environmental Control Technology	
	Ventura	N/A			

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	
Adult School	Ventura County Office of Education	Career Education Center	Capstone	Fashion Retail Merchandising Screen Printing	
	Conejo Valley	N/A			
	Oxnard	Clothing Upholstery			
	Simi Valley	N/A			
Community College	VACE	N/A			
	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	N/A			
	Oxnard	N/A			
	Ventura	N/A			

Health Science and Technology				
High School	District	School	Pathway	Courses
	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	Conejo Valley	<ul style="list-style-type: none"> <li>Administrative and Clinical Medical Assistant (Certificate)</li> <li>Administrative Medical Assistant (Certificate)</li> <li>Clinical Medical Assistant (Certificate)</li> <li>Administrative Medical Assistant/Billing and Coding Specialist (Eligible for Test)</li> <li>Clinical Medical Assistant/Phlebotomy Technician I (Eligible for Test)</li> <li>Phlebotomy Technician I (Certificate)</li> <li>Medical Laboratory Assistant</li> <li>Phlebotomy Skills Workshop</li> <li>Medical Insurance Billing and Coding (Certificate and Eligible for Test)</li> <li>Pharmacy Technician</li> <li>Emergency Medical Technician</li> <li>Physical Therapy Aide</li> <li>Certified Caregiver Training (Certificate)</li> <li>Heartsaver CPR</li> <li>Heartsaver First Aid</li> <li>BLS Healthcare Provider CPR</li> <li>Pediatric First Aid/CPR</li> </ul>
	Oxnard	<ul style="list-style-type: none"> <li>Pharmacy Technician Externship</li> <li>Certified Nursing Assistant/ Home Health Aide</li> <li>Medical Terminology</li> <li>CPR</li> <li>Medical Assistant Back Office</li> <li>Medical Assistant Front Office</li> </ul>
	Simi Valley	<ul style="list-style-type: none"> <li>Dental Technologist (Certificate): Intro to Dental Technology, Removable Prosthodontic Appliances, Fixed Prothodontic Appliances</li> <li>Advanced Dental Technology</li> <li>Coronal Polishing</li> <li>California Radiation Safety Course</li> <li>Pit and Fissure Sealants</li> <li>EMT (Certificate): EMT Basic, EMT Skills Testing</li> <li>Basic Life Support for Healthcare Providers</li> <li>Electrocardiography Technician (Eligible for Test)</li> <li>Medical Assistant (Eligible for test)</li> <li>Medical Insurance Billing/Insurance Clerk</li> <li>Medical Terminology</li> <li>Nurse Assistant (Eligible for test)</li> <li>Home Health Aide</li> <li>Pharmacy Technician</li> <li>Phlebotomy Program</li> <li>Surgical Technologist</li> <li>Physical Therapy Aide</li> <li>Respiratory Care</li> <li>Advanced Practitioner Respiratory Therapist (Eligible for Test)</li> </ul>

	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/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	Anatomy Physiology Health Education Health Sciences Nutritional Science	Kinesiology Exercise Science Registered Nurse Radiation Technology	Fitness Specialist Nuclear Medicine	
	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



Hospitality and Tourism				
High School	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
Adult School		Pacifica	Food Services and Hospitality	Core A Intro to Culinary Arts Regional Cuisine International Cuisine Intro to Baking and Pastry Culinary Arts
	Conejo Valley	Nutrition 101		
	Oxnard	N/A		
	Simi Valley	N/A		
Community College	VACE	N/A		
	College	Classes	AA/AS	Certificate of Accomplishment
	Moorpark	N/A		
	Oxnard		Culinary Arts Restaurant Management	Culinary Arts Restaurant Management
	Ventura	N/A		
	Proficiency Award			

Information Technology				
High School	District	School	Pathway	Courses
	Conejo Valley Unified School District	Conejo Valley, Newbury Park, Thousand Oaks	Information Support and Services	Personal Computing I Personal Computing II
		Newbury Park	Information Technology	Webpage Design
		Newbury Park, Thousand Oaks	Programs and Systems Development	Computer Programming I Computer Programming II
		Conejo Valley, Thousand Oaks	Information Support and Services	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
		Ventura	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
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## Information Technology Continued

		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
		Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	Networking Pathway	Computer Foundations Computer Applications Internet Applications Network Technology
		Adolfo Camarillo, Oxnard, Pacifica, Hueneme, Channel Islands, Rio Mesa	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
	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		

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## 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 Microsoft Certified Systems Administrator Network Support Technician Computerized Office Professional Graphics Designer for Web Microsoft Office Basics			
Community College	<b>College</b>	<b>Classes</b>	<b>AA/AS</b>	<b>Certificate of Accomplishment</b>	<b>Proficiency Award</b>
	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 Networking	Computer Networking	Office Technologies
	Ventura	Computer Science			

Manufacturing and Product Development				
High School	District	School	Pathway	Courses
	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
	Simi Valley Unified School District	Royal	Industrial Technology	Furniture and Cabinet Construction
	Simi Valley Unified School District	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 Unified School District	Ventura	Machine and Forming Tech	Metal I Metal II CAD for Manufacturing
	Ventura County Office of Education	Career Education Center	Capstone	Welding
Adult School	Conejo Valley	Intro to Metalworking		
	Oxnard	Welding		
	Simi Valley	Basic Machine Shop (Certificate) CNC operations and Programming (certificate) Intro to MasterCAM (certificate) Intro to GibbsCAM(Certificate) Master Welding Course (Certificate) Beginning Welder Advanced Welding Welding Fabricator		
	VACE	N/A		

Manufacturing and Product Development Continued					
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark			Biotech Manufacturing	
	Oxnard	N/A			
	Ventura			Welding	CNC Machine operator Manufacturing Applications Welding



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	Conejo Valley	Tricks and Tips for SEO Notary in One Day (Eligible for Test)			
	Oxnard	N/A			
	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/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark				
	Oxnard				
	Ventura				Reception Skills

Public Service				
High School	District	School	Pathway	Courses
	Moorpark Unified School District	Moorpark		Fire Cadet
	Oxnard Union School District	Oxnard	Law and Public Services	Intro to Legal Systems Criminal Justice Forensics
Adult School	Conejo Valley	N/A		
	Oxnard	N/A		
	Simi Valley	Legal Office Procedures Legal Terminology		
	VACE	Legal Secretary		
Community College	College	Classes	AA/AS	Certificate of Accomplishment
	Moorpark			Criminal Justice
	Oxnard		Fire Technology Paralegal Studies	Fire Technology Paralegal Studies
	Ventura		Criminal Justice Human Services	Criminal Justice Human Services
				Social Services Affiliate Social Welfare Specialist

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	
		Channel Islands, Oxnard	Structural Repair and Refinishing	Intro to Auto Intermediate Auto Advanced Auto ROP ROP Collision and Repair	
		Channel Islands, Oxnard	Systems Diagnostics and Service	Intro to Auto Intermediate Auto Advanced Auto ROP Auto Service	
Adult School	Conejo Valley	N/A			
	Oxnard	Auto Service Auto Body/Auto Paint			
	Simi Valley	N/A			
	VACE	N/A			
Community College	College	Classes	AA/AS	Certificate of Accomplishment	Proficiency Award
	Moorpark	N/A			
	Oxnard		Automotive Body and Fender Repair Automotive Technology	Automotive Body and Fender Repair Automotive Technology	
	Ventura		Automotive Technology	Automotive Technology State Smog Technician	