



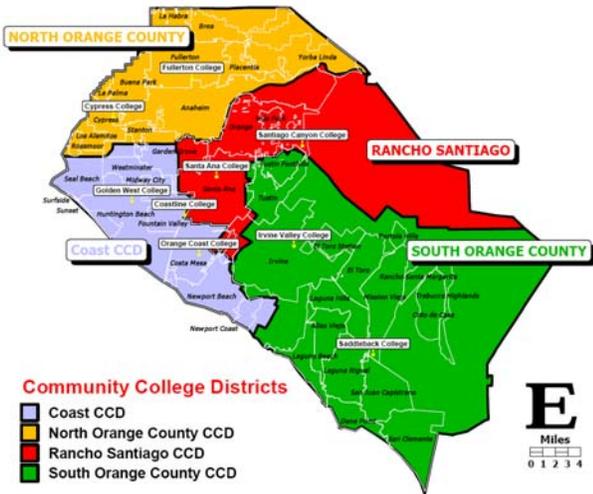
COE

CENTERS OF EXCELLENCE
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10 FASTEST GROWING AND HIGHEST WAGE CAREERS IN ORANGE COUNTY

REPORT FOR SANTIAGO CANYON COLLEGE

DECEMBER 2008



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Introduction

This report explores the projected top 10 fastest growing and highest wage occupations in Orange County, CA, from 2006-2016. The report is aimed at assisting Santiago Canyon College administration in decision-making regarding future educational and training programs that would be appropriate and timely considering industry composition and employment projections.

Occupational projections data was provided by Employment Development Department (EDD) Labor Market Information Division. All data comes from secondary sources. No primary research (interviews or surveys) was conducted nor was any industry validation performed to compile the data herein.

About the Centers of Excellence

The Centers of Excellence (COE) are part of the Business and Workforce Performance Improvement (BWPI) initiative within the California Community College's Economic and Workforce Development Network. The regional COEs are focused on building the capacity of the community colleges in the area of economic and workforce development to enhance their ability to deliver education and training services to businesses and workers in high growth industries, new technologies, and other clusters of opportunities. Centers provide market intelligence regarding workforce trends, increasing awareness and visibility about the colleges economic and workforce development programs and services, and strategically develop partnerships with business and industry. More information about the Centers is available online at www.coecc.net.

Important Disclaimer

All representations included in this report have been produced from a secondary review of publicly and/or privately available data and/or research reports. Efforts have been made to qualify and validate the accuracy of the data and the reported findings. However, neither the Business and Workforce Performance Improvement, Centers of Excellence, COE host District or California Community Colleges Chancellor's Office are responsible for applications or decisions made by recipient community colleges or their representatives based upon this study including components or recommendations.

Report Scope

This Occupational Profile Report provides projections, wages, and education needed for the top 10 fastest growing and highest wage careers in Orange County. It includes data for the Santiago Canyon College service area, which covers Orange County.

Ten Fastest Growing Occupations

From 2006-2016, the fastest growing occupation in Orange County is Network Systems and Data Communications Analysts. Three of the fastest growing occupations require a bachelor's degree, while the rest only require an associate degree or less. The lowest paying occupation on the list is Home Health Aides (\$10.46/hr and \$21,754/yr), while the highest is Computer Software Engineers (\$45.58/hr and \$94,805/yr). See the adapted EDD Labor Market Info table below.

| 2006-2016 Fastest Growing Occupations (Orange County) | | | | | | | | |
|--|--|---------------------------|-------|-------------------|------|--------------------|---------------|-----------------------------|
| SOC Code | Occupational Title | Annual Average Employment | | Employment Change | | Wages and Training | | |
| | | 2006 | 2016 | Numerical | % | Median Hourly | Median Annual | Education & Training Levels |
| 15-1081 | Network Systems and Data Communications Analysts | 2800 | 4250 | 1450 | 51.8 | \$35.61 | \$74,070 | Bachelor's degree |
| 31-1011 | Home Health Aides | 5910 | 8630 | 2720 | 46 | \$10.46 | \$21,754 | Moderate-term OJT |
| 29-2056 | Veterinary Technologists and Technicians | 1130 | 1590 | 460 | 40.7 | \$14.81 | \$30,805 | Associate degree |
| 39-2011 | Animal Trainers | 560 | 780 | 220 | 39.3 | \$12.67 | \$26,335 | Moderate term-OJT |
| 31-9092 | Medical Assistants | 5750 | 8000 | 2250 | 39.1 | \$14.37 | \$29,880 | Moderate term-OJT |
| 29-2052 | Pharmacy Technicians | 1970 | 2690 | 720 | 36.5 | \$16.95 | \$35,256 | Moderate term-OJT |
| 15-1031 | Computer Software Engineers, Applications | 9650 | 13100 | 3450 | 35.8 | \$45.58 | \$94,805 | Bachelor's degree |
| 27-4011 | Audio and Video Equipment Technicians | 590 | 790 | 200 | 33.9 | \$24.38 | \$50,699 | Long-term OJT |
| 25-2041 | Special Education Teachers, Preschool, Kindergarten, and Elementary School | 1040 | 1390 | 350 | 33.7 | N/A | \$64,615 | Bachelor's degree |
| 29-2021 | Dental Hygienists | 2240 | 2990 | 750 | 33.5 | \$39.89 | \$82,971 | Associate degree |
| 31-9091 | Dental Assistants | 4600 | 6140 | 1540 | 33.5 | \$15.97 | \$33,231 | Moderate term-OJT |

* OJT = On-the-Job Training

Ten Highest Wage Occupations

From 2006-2016, the occupation with the highest wage in Orange County are lawyers. All 10 of the highest wage occupations earn over \$100,000 and require a bachelor's degree or higher. See the adapted EDD Labor Market Info table below.

| 2006-2016 Highest Wage Occupations (Orange County) | | | | | | | | |
|---|---|---------------------------|--------|-------------------|------|--------------------|---------------|--|
| SOC Code | Occupational Title | Annual Average Employment | | Employment Change | | Wages and Training | | |
| | | 2006 | 2016 | Numerical | % | Median Hourly | Median Annual | Education & Training Levels |
| 23-1011 | Lawyers | 8,060 | 9,470 | 1,410 | 17.5 | \$64.80 | \$134,778 | First professional degree |
| 29-1062 | Family and General Practitioners | 1,020 | 1,190 | 170 | 16.7 | \$63.17 | \$131,383 | First professional degree |
| 29-1021 | Dentists, General | 1,570 | 1,760 | 190 | 12.1 | \$59.02 | \$122,749 | First professional degree |
| 15-1011 | Computer and Information Scientists, Research | 390 | 510 | 120 | 30.8 | \$58.30 | \$121,262 | Doctoral degree |
| 11-9041 | Engineering Managers | 4,670 | 5,220 | 550 | 11.8 | \$57.98 | \$120,599 | Bachelor's degree or higher & some work experience |
| 11-3021 | Computer and Information Systems Managers | 3,930 | 4,440 | 510 | 13.0 | \$57.98 | \$120,579 | Bachelor's degree or higher & some work experience |
| 29-1069 | Physicians and Surgeons, All Other | 2,200 | 2,700 | 500 | 22.7 | \$57.93 | \$120,493 | First professional degree |
| 29-1051 | Pharmacists | 2,170 | 2,710 | 540 | 24.9 | \$56.17 | \$116,822 | First professional degree |
| 11-2021 | Marketing Managers | 3,990 | 4,430 | 440 | 11.0 | \$55.36 | \$115,164 | Bachelor's degree or higher & some work experience |
| 11-1021 | General and Operations Managers | 26,350 | 26,910 | 560 | 2.1 | \$55.31 | \$115,030 | Bachelor's degree or higher & some work experience |

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