



COLORADO COMMUNITY
COLLEGE SYSTEM

Colorado Community College System

**ACADEMIC YEAR 2008-2009
DEGREES AWARDED
WITH CLUSTER AND LABOR DATA**

MARCH 2010

Academic year 2008-2009 Degrees Awarded With Cluster and Labor Data

In the academic year 2008-2009, 11,091 degrees were awarded by the 13 colleges within the Colorado Community College System (CCCS.) These degrees were awarded in one of 149 different program areas. These programs can be grouped into 16 clusters, which according to the States' Career Clusters Initiative, are "groupings of occupations / career specialties used as an organizing tool for curriculum design and instruction." In addition, CCCS awards three different Associates' degrees (the AGS, AA or AS) which do not have a specific program attached or specified. There is currently legislation in progress (Senate Bill 10-088) which will allow CCCS colleges to offer these 2-year degree programs with a specific academic designation.

The overwhelming majority (40%) of degrees awarded fall in the Health Science Cluster (Table 1.) Table 1 displays the degree awards by Career Cluster in order of the most number of degrees awarded to the least number awarded. The various Associate's degree programs offered comprise another 25% of all degrees awarded, and the other 35% of degrees awarded are distributed among the remaining 15 clusters, with none having more than 5% of all degrees awarded. Table 1 also includes a projected amount of new and replacement jobs available for all of the occupations associated with the various degree programs within each cluster. These are the job openings expected between 2009-2014, according to Economic Modeling Specialists, Inc. (EMSI.) The average entry level and median wage for all occupations tied to a degree program within each cluster are also available.

Table 1. Degrees awarded in academic year 2008-2009 by career cluster, with percentage change in new and replacement jobs projections for 2009-2014, as well as average entry level and median hourly wage, displayed by number of degrees awarded.

Jobs Available for All Occupations within Cluster by Degrees Awarded

Cluster	Degrees Awarded	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
Health Science Cluster	4,440	22.4%	\$15.00	\$18.42
AA	1,683	NA	NA	NA
AGS	678	NA	NA	NA
Human Service Cluster	515	13.3%	\$10.98	\$14.05
Law, Public Safety, Corrections, & Security	496	29.6%	\$17.84	\$22.09
AS	432	NA	NA	NA
Manufacturing Cluster	414	12.6%	\$14.15	\$17.81
Management and Administration Cluster	366	22.0%	\$19.42	\$26.68
Agriculture and Natural Resources Cluster	343	13.2%	\$11.64	\$14.83
Transportation, Distribution, and Logistics Cluster	325	13.8%	\$16.99	\$22.12
Architecture and Construction Cluster	309	17.4%	\$15.72	\$20.16
Information Technology Cluster	279	17.0%	\$25.42	\$32.66
STEM Cluster	211	14.5%	\$22.99	\$28.56
Arts, A/V Technology and Communication Cluster	210	20.5%	\$12.14	\$15.94
Finance Cluster	134	17.1%	\$15.34	\$19.09
Government and Public Administration Cluster	103	16.5%	\$16.37	\$21.57
Hospitality and Tourism Cluster	73	22.4%	\$10.74	\$13.62
Marketing Cluster	55	23.6%	\$12.72	\$16.65
Education & Training Cluster	24	21.3%	\$10.31	\$12.09
Not Provided*	1			
Total	11,091	19.5%		

*One degree was accepted in the file with no corresponding program code, so a Cluster could not be determined.
 NA: Not Applicable – AA, AGS, and AS degrees are not broken out by program so a Cluster cannot be determined.

While openings are projected for occupations within all 16 clusters, several areas can be seen as particularly high growth. Job openings within law, public safety, corrections and security are expected to increase at a nearly 30% rate (Table 2), with growth in openings projected to be above 20% for several other clusters. Table 2 lists the degrees awarded ranked by the Career Cluster strongest projected growth.

Table 2. Degrees awarded in academic year 2008-2009 by career cluster, with percentage change in new and replacement jobs projections for 2009-2014, as well as average entry level and median hourly wage, displayed by growth rate.

Jobs Available for All Occupations within Cluster by Growth

Cluster	Degrees Awarded	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
Law, Public Safety, Corrections, & Security	496	29.6%	\$17.84	\$22.09
Marketing Cluster	55	23.6%	\$12.72	\$16.65
Hospitality and Tourism Cluster	73	22.4%	\$10.74	\$13.62
Health Science Cluster	4,440	22.4%	\$15.00	\$18.42
Management and Administration Cluster	366	22.0%	\$19.42	\$26.68
Education & Training Cluster	24	21.3%	\$10.31	\$12.09
Arts, A/V Technology and Communication Cluster	210	20.5%	\$12.14	\$15.94
Architecture and Construction Cluster	309	17.4%	\$15.72	\$20.16
Finance Cluster	134	17.1%	\$15.34	\$19.09
Information Technology Cluster	279	17.0%	\$25.42	\$32.66
Government and Public Administration Cluster	103	16.5%	\$16.37	\$21.57
STEM Cluster	211	14.5%	\$22.99	\$28.56
Transportation, Distribution, and Logistics Cluster	325	13.8%	\$16.99	\$22.12
Human Service Cluster	515	13.3%	\$10.98	\$14.05
Agriculture and Natural Resources Cluster	343	13.2%	\$11.64	\$14.83
Manufacturing Cluster	414	12.6%	\$14.15	\$17.81
AA	1,683	NA	NA	NA
AGS	678	NA	NA	NA
AS	432	NA	NA	NA
Not Available*	1			
Total	11,091	19.5%		

*One degree was accepted in the file with no corresponding program code, so a Cluster could not be determined.
 NA: Not Applicable – AA, AGS, and AS degrees are not broken out by program so a Cluster cannot be determined.

For each of the 149 programs that awarded degrees in 2008-2009, there are several associated occupations that might be available to students with skills in that area. Table 3 displays all of the awarded degrees as well as occupations for each program, if available, as well as projected new and replacement jobs available in 2009-2014, percentage growth in the five year period, and current entry level and median hourly earnings.

Table 3. Degrees awarded in academic year 2008-2009, with associated occupations, as well as percentage change in new and replacement jobs projections for 2009-2014, entry level and median hourly wage, displayed by number of degrees awarded.

AY 09 Degrees Awarded with Labor Data

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
240101	AA	1,683	AA	NA	NA	NA	NA
510904	EMERGENCY MEDICAL SERVICES	1,332	Health Science Cluster	Ambulance drivers and attendants, except emergency medical technicians	11.0%	\$8.47	\$9.70
510904	EMERGENCY MEDICAL SERVICES	1,332	Health Science Cluster	Emergency medical technicians and paramedics	15.0%	\$12.27	\$15.97
511614	NURSE AIDE	1,073	Health Science Cluster	Nursing aides, orderlies, and attendants	17.0%	\$10.80	\$12.45
511601	ASSOCIATE DEGREE NURSING	854	Health Science Cluster	Registered nurses	24.0%	\$26.02	\$30.56
240102	AGS	678	AGS	NA	NA	NA	NA
240199	AS	432	AS	NA	NA	NA	NA
511613	PRACTICAL NURSING	294	Health Science Cluster	Licensed practical and licensed vocational nurses	28.0%	\$16.72	\$19.28
190706	EARLY CHILDHOOD EDUCATION	288	Human Service Cluster	Farm and home management advisors	18.0%	\$12.22	\$16.57
470604	AUTO TECHNOLOGY	265	Transportation, Distribution, and Logistics Cluster	Electronic equipment installers and repairers, motor vehicles	11.0%	\$11.83	\$14.57
470604	AUTO TECHNOLOGY	265	Transportation, Distribution, and Logistics Cluster	Automotive service technicians and mechanics	12.0%	\$13.14	\$18.40
470604	AUTO TECHNOLOGY	265	Transportation, Distribution, and Logistics Cluster	Electrical and electronics installers and repairers, transportation equipment	14.0%	\$15.20	\$20.74
480508	COMBINATION WELDING	200	Manufacturing Cluster	Welders, cutters, solderers, and brazers	16.0%	\$14.14	\$17.67
480508	COMBINATION WELDING	200	Manufacturing Cluster	Welding, soldering, and brazing machine setters, operators, and tenders	19.0%	\$13.62	\$18.52

NA: Not Applicable – AA, AGS, and AS degrees are not broken out by program so a corresponding occupation cannot be determined.

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
430103	CRIMINAL JUSTICE	198	Law, Public Safety, Corrections, & Security	First-line supervisors/managers of police and detectives	31.0%	\$35.31	\$41.97
150101	ARCHITECTURAL AND CONSTRUCTION TECHNOLOGY	165	STEM Cluster	Engineering technicians, except drafters, all other	14.0%	\$19.70	\$25.50
521201	COMPUTER INFORMATION SYSTEMS	130	Information Technology Cluster	Computer programmers	9.0%	\$23.95	\$31.49
521201	COMPUTER INFORMATION SYSTEMS	130	Information Technology Cluster	Database administrators	15.0%	\$24.43	\$32.96
521201	COMPUTER INFORMATION SYSTEMS	130	Information Technology Cluster	Computer and information systems managers	13.0%	\$42.55	\$51.66
430203	FIRE SCIENCE TECHNOLOGIES	125	Law, Public Safety, Corrections, & Security	Fire fighters	30.0%	\$18.89	\$24.80
430203	FIRE SCIENCE TECHNOLOGIES	125	Law, Public Safety, Corrections, & Security	Fire inspectors and investigators	22.0%	\$23.45	\$27.70
430203	FIRE SCIENCE TECHNOLOGIES	125	Law, Public Safety, Corrections, & Security	Forest fire inspectors and prevention specialists	22.0%	\$9.43	\$12.78
511009	PHLEBOTOMY	125	Health Science Cluster	Health diagnosing and treating practitioners, all other	23.0%	\$12.92	\$17.77
520302	ACCOUNTING	123	Finance Cluster	Billing and posting clerks and machine operators	16.0%	\$12.96	\$15.46
520302	ACCOUNTING	123	Finance Cluster	Bookkeeping, accounting, and auditing clerks	13.0%	\$11.83	\$15.14
520302	ACCOUNTING	123	Finance Cluster	Gaming cage workers	10.0%	\$10.87	\$12.14
520302	ACCOUNTING	123	Finance Cluster	Payroll and timekeeping clerks	12.0%	\$14.60	\$17.72
520302	ACCOUNTING	123	Finance Cluster	Tax preparers	14.0%	\$7.94	\$9.32
520302	ACCOUNTING	123	Finance Cluster	Statistical assistants	14.0%	\$17.67	\$20.08
520302	ACCOUNTING	123	Finance Cluster	Brokerage clerks	14.0%	\$14.06	\$16.62
430107	BASIC PEACE OFFICER ACADEMY	121	Law, Public Safety, Corrections, & Security	Bailiffs	18.0%	\$19.41	\$24.03
430107	BASIC PEACE OFFICER ACADEMY	121	Law, Public Safety, Corrections, & Security	Private detectives and investigators	32.0%	\$11.60	\$13.86
430107	BASIC PEACE OFFICER ACADEMY	121	Law, Public Safety, Corrections, & Security	Police and sheriff's patrol officers	22.0%	\$23.77	\$28.17
430107	BASIC PEACE OFFICER ACADEMY	121	Law, Public Safety, Corrections, & Security	Detectives and criminal investigators	24.0%	\$30.64	\$35.53

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
220302	LEGAL ASSISTANT / PARALEGAL	103	Government and Public Administration Cluster	Paralegals and legal assistants	18.0%	\$17.60	\$22.38
220302	LEGAL ASSISTANT / PARALEGAL	103	Government and Public Administration Cluster	Title examiners, abstractors, and searchers	11.0%	\$15.83	\$21.38
220302	LEGAL ASSISTANT / PARALEGAL	103	Government and Public Administration Cluster	Legal support workers, all other	21.0%	\$15.67	\$20.96
520204	ADMINISTRATION SPECIALIST	95	Management and Administration Cluster	First-line supervisors/managers of office and administrative support workers	19.0%	\$16.35	\$21.29
520201	BUSINESS	85	Management and Administration Cluster	Industrial production managers	18.0%	\$28.77	\$37.63
520201	BUSINESS	85	Management and Administration Cluster	Transportation, storage, and distribution managers	16.0%	\$28.21	\$35.31
520201	BUSINESS	85	Management and Administration Cluster	Construction managers	15.0%	\$18.87	\$25.37
520201	BUSINESS	85	Management and Administration Cluster	Social and community service managers	23.0%	\$16.63	\$21.34
520201	BUSINESS	85	Management and Administration Cluster	Managers, all other	29.0%	\$14.45	\$20.87
520201	BUSINESS	85	Management and Administration Cluster	Cost estimators	19.0%	\$20.12	\$26.82
520201	BUSINESS	85	Management and Administration Cluster	Management analysts	22.0%	\$17.24	\$23.98
520201	BUSINESS	85	Management and Administration Cluster	Chief executives	32.0%	\$13.29	\$20.98
520201	BUSINESS	85	Management and Administration Cluster	General and operations managers	17.0%	\$27.08	\$39.96
520201	BUSINESS	85	Management and Administration Cluster	Administrative services managers	19.0%	\$26.34	\$35.45
520201	BUSINESS	85	Management and Administration Cluster	Sales managers	20.0%	\$24.64	\$36.88

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
120401	COSMETOLOGY	84	Human Service Cluster	Hairdressers, hairstylists, and cosmetologists	7.0%	\$10.75	\$14.26
120401	COSMETOLOGY	84	Human Service Cluster	Makeup artists, theatrical and performance	7.0%	\$9.07	\$13.23
120401	COSMETOLOGY	84	Human Service Cluster	Manicurists and pedicurists	10.0%	\$8.66	\$10.01
120401	COSMETOLOGY	84	Human Service Cluster	Skin care specialists	19.0%	\$11.44	\$15.49
510705	HEALTH INFORMATION TECHNOLOGIES	76	Health Science Cluster	Medical assistants	21.0%	\$12.84	\$14.65
460303	ELECTRIC LINEWORKER	75	Architecture and Construction Cluster	Electrical power-line installers and repairers	19.0%	\$21.70	\$26.87
460303	ELECTRIC LINEWORKER	75	Architecture and Construction Cluster	First-line supervisors/managers of construction trades and extraction workers	19.0%	\$20.20	\$26.61
510805	PHARMACY TECHNICIAN	69	Health Science Cluster	Pharmacy technicians	28.0%	\$12.93	\$15.28
510805	PHARMACY TECHNICIAN	69	Health Science Cluster	Pharmacy aides	13.0%	\$9.57	\$12.69
510911	RADIOLOGIC TECHNOLOGY	69	Health Science Cluster	Radiologic technologists and technicians	18.0%	\$21.27	\$26.03
110101	COMPUTER INFORMATION SYSTEMS	67	Information Technology Cluster	Computer specialists, all other	18.0%	\$25.79	\$32.68
110101	COMPUTER INFORMATION SYSTEMS	67	Information Technology Cluster	Computer and information systems managers	13.0%	\$42.55	\$51.66
110101	COMPUTER INFORMATION SYSTEMS	67	Information Technology Cluster	Computer and information scientists, research	25.0%	\$17.10	\$24.12
110101	COMPUTER INFORMATION SYSTEMS	67	Information Technology Cluster	Computer systems analysts	17.0%	\$28.86	\$36.25
110101	COMPUTER INFORMATION SYSTEMS	67	Information Technology Cluster	Database administrators	15.0%	\$24.43	\$32.96
110101	COMPUTER INFORMATION SYSTEMS	67	Information Technology Cluster	Network systems and data communications analysts	28.0%	\$19.52	\$26.38
110101	COMPUTER INFORMATION SYSTEMS	67	Information Technology Cluster	Network and computer systems administrators	16.0%	\$26.15	\$33.49
510602	DENTAL HYGIENE	63	Health Science Cluster	Dental hygienists	26.0%	\$32.14	\$36.56
460000	CONSTRUCTION TECHNOLOGIES	62	Architecture and Construction Cluster	No Exact Match**			
100304	3D DESIGN AND ANIMATION	61	Arts, A/V Technology and Communication Cluster	Multi-media artists and animators	28.0%	\$8.70	\$9.83

**Program code is too general to match to specific occupations.

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
510806	PHYSICAL THERAPIST ASSISTANT	61	Health Science Cluster	Physical therapist assistants	22.0%	\$15.11	\$18.15
510806	PHYSICAL THERAPIST ASSISTANT	61	Health Science Cluster	Physical therapist aides	23.0%	\$12.75	\$15.07
151302	ARCHITECTURAL TECHNOLOGIES	60	Architecture and Construction Cluster	Architectural and civil drafters	18.0%	\$18.24	\$22.33
520407	ADMINISTRATIVE ASSISTANT	57	Management and Administration Cluster	Data entry keyers	10.0%	\$9.94	\$12.14
513501	CERT. MASSAGE THERAPIST	54	Health Science Cluster	Massage therapists	15.0%	\$11.98	\$16.46
500408	INTERIOR DESIGN	52	Arts, A/V Technology and Communication Cluster	Interior designers	35.0%	\$11.66	\$15.98
521501	BUSINESS - REAL ESTATE	49	Marketing Cluster	Appraisers and assessors of real estate	33.0%	\$8.58	\$10.11
521501	BUSINESS - REAL ESTATE	49	Marketing Cluster	Property, real estate, and community association managers	34.0%	\$8.34	\$10.06
521501	BUSINESS - REAL ESTATE	49	Marketing Cluster	Real estate sales agents	34.0%	\$7.87	\$8.84
521501	BUSINESS - REAL ESTATE	49	Marketing Cluster	Real estate brokers	34.0%	\$7.61	\$8.09
120500	CULINARY ARTS	48	Hospitality and Tourism Cluster	Personal and home care aides	31.0%	\$8.29	\$9.06
120500	CULINARY ARTS	48	Hospitality and Tourism Cluster	Chefs and head cooks	12.0%	\$14.38	\$18.48
120500	CULINARY ARTS	48	Hospitality and Tourism Cluster	First-line supervisors/managers of food preparation and serving workers	14.0%	\$11.48	\$14.59
120500	CULINARY ARTS	48	Hospitality and Tourism Cluster	Cooks, institution and cafeteria	22.0%	\$9.72	\$11.49
120500	CULINARY ARTS	48	Hospitality and Tourism Cluster	Cooks, restaurant	21.0%	\$9.31	\$11.13
120500	CULINARY ARTS	48	Hospitality and Tourism Cluster	Food preparation workers	24.0%	\$8.25	\$9.54
120500	CULINARY ARTS	48	Hospitality and Tourism Cluster	Cooks, all other	30.0%	\$10.27	\$13.01
151201	BROADBAND	48	Manufacturing Cluster	Electrical and electronic engineering technicians	9.0%	\$21.39	\$26.13
500602	AV TECHNOLOGY	45	Arts, A/V Technology and Communication Cluster	Producers and directors	24.0%	\$13.63	\$18.13
500602	AV TECHNOLOGY	45	Arts, A/V Technology and Communication Cluster	Film and video editors	12.0%	\$15.74	\$20.94

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
500602	AV TECHNOLOGY	45	Arts, A/V Technology and Communication Cluster	Camera operators, television, video, and motion picture	18.0%	\$10.20	\$15.31
510601	DENTAL ASSISTING	44	Health Science Cluster	Dental assistants	25.0%	\$14.37	\$16.76
10102	ADV AG/BUSINESS MANAGEMENT	41	Agriculture and Natural Resources Cluster	Farmers and ranchers	10.0%	\$7.28	\$8.71
10102	ADV AG/BUSINESS MANAGEMENT	41	Agriculture and Natural Resources Cluster	Farm, ranch, and other agricultural managers	15.0%	\$10.82	\$14.31
430201	FIRE PROTECTION AND SAFETY TECHNOLOGY/TECHNICIAN	41	Law, Public Safety, Corrections, & Security	First-line supervisors/managers of fire fighting and prevention workers	35.0%	\$24.72	\$31.59
430201	FIRE PROTECTION AND SAFETY TECHNOLOGY/TECHNICIAN	41	Law, Public Safety, Corrections, & Security	Fire inspectors and investigators	22.0%	\$23.45	\$27.70
10601	HORTICULTURE	39	Agriculture and Natural Resources Cluster	Grounds maintenance workers, all other	37.0%	\$8.22	\$9.71
190708	CHILD CARE AND SUPPORT SERVICES MANAGEMENT	39	Human Service Cluster	Preschool teachers, except special education	15.0%	\$8.70	\$10.63
10104	AG/BUS FINANCIAL ANALYSIS	38	Agriculture and Natural Resources Cluster	Farm and home management advisors	18.0%	\$12.22	\$16.57
10104	AG/BUS FINANCIAL ANALYSIS	38	Agriculture and Natural Resources Cluster	Farm, ranch, and other agricultural managers	15.0%	\$10.82	\$14.31
10104	AG/BUS FINANCIAL ANALYSIS	38	Agriculture and Natural Resources Cluster	Farmers and ranchers	10.0%	\$7.28	\$8.71
309999	ESSENTIAL SKILLS CERTIFICATE FOR THE WORKPLACE	38	Manufacturing Cluster	No Exact Match**			
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Structural metal fabricators and fitters	10.0%	\$13.57	\$16.88
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Computer-controlled machine tool operators, metal and plastic	12.0%	\$13.66	\$16.75
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	7.0%	\$11.94	\$13.96
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Machinists	7.0%	\$14.03	\$17.83
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Lay-out workers, metal and plastic	9.0%	\$13.68	\$16.92

**Program code is too general to match to specific occupations.

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Multiple machine tool setters, operators, and tenders, metal and plastic	10.0%	\$11.70	\$14.63
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Heat treating equipment setters, operators, and tenders, metal and plastic	23.0%	\$14.25	\$17.57
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Tool grinders, filers, and sharpeners	17.0%	\$11.52	\$15.76
480503	MACHINE OCCUPATIONS	38	Manufacturing Cluster	Metal workers and plastic workers, all other	7.0%	\$11.53	\$14.77
120301	MORTUARY SCIENCE	37	Health Science Cluster	Funeral directors	10.0%	\$15.80	\$23.02
120301	MORTUARY SCIENCE	37	Health Science Cluster	Funeral attendants	24.0%	\$11.81	\$13.26
120301	MORTUARY SCIENCE	37	Health Science Cluster	Embalmers	24.0%	\$11.39	\$13.34
510808	VETERINARY ASSISTANT	37	Agriculture and Natural Resources Cluster	Veterinary assistants and laboratory animal caretakers	18.0%	\$8.26	\$9.62
510808	VETERINARY ASSISTANT	37	Agriculture and Natural Resources Cluster	Veterinary technologists and technicians	28.0%	\$11.78	\$13.78
520703	SMALL BUSINESS MANAGEMENT	36	Management and Administration Cluster	Managers, all other	29.0%	\$14.45	\$20.87
510707	HEALTH INFORMATION TECHNOLOGIES	35	Health Science Cluster	Medical records and health information technicians	22.0%	\$13.57	\$16.55
10106	AG/BUS PLANNING & FINANCIAL RECORDS	34	Agriculture and Natural Resources Cluster	Office machine operators, except computer	17.0%	\$11.02	\$13.44
10106	AG/BUS PLANNING & FINANCIAL RECORDS	34	Agriculture and Natural Resources Cluster	Computer support specialists	18.0%	\$17.80	\$22.55
10106	AG/BUS PLANNING & FINANCIAL RECORDS	34	Agriculture and Natural Resources Cluster	First-line supervisors/managers of office and administrative support workers	19.0%	\$16.35	\$21.29
151301	APPLIED TECHNOLOGIES	34	Architecture and Construction Cluster	Drafters, all other	16.0%	\$15.96	\$20.84
151301	APPLIED TECHNOLOGIES	34	Architecture and Construction Cluster	Architectural and civil drafters	18.0%	\$18.24	\$22.33
510710	ADMINISTRATIVE MEDICAL ASSISTANT	34	Health Science Cluster	Medical assistants	21.0%	\$12.84	\$14.65
510710	ADMINISTRATIVE MEDICAL ASSISTANT	34	Health Science Cluster	Medical secretaries	21.0%	\$12.11	\$14.81
520701	AG/BUS RURAL ENTREPRENEURSHIP	33	Management and Administration Cluster	General and operations managers	17.0%	\$27.08	\$39.96

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
520701	AG/BUS RURAL ENTREPRENEURSHIP	33	Management and Administration Cluster	Social and community service managers	23.0%	\$16.63	\$21.34
520701	AG/BUS RURAL ENTREPRENEURSHIP	33	Management and Administration Cluster	Managers, all other	29.0%	\$14.45	\$20.87
520701	AG/BUS RURAL ENTREPRENEURSHIP	33	Management and Administration Cluster	Chief executives	32.0%	\$13.29	\$20.98
419999	APPLIED TECHNOLOGY	30	Manufacturing Cluster	Environmental science and protection technicians, including health	35.0%	\$14.37	\$17.84
419999	APPLIED TECHNOLOGY	30	Manufacturing Cluster	Life, physical, and social science technicians, all other	31.0%	\$14.85	\$20.60
511699	R.N. REFRESHER PROGRAM	30	Health Science Cluster	Registered nurses	24.0%	\$26.02	\$30.56
30601	FORESTRY WILDLIFE & NATURAL RESOURCES	29	Agriculture and Natural Resources Cluster	Conservation scientists	17.0%	\$19.17	\$24.31
30601	FORESTRY WILDLIFE & NATURAL RESOURCES	29	Agriculture and Natural Resources Cluster	Zoologists and wildlife biologists	28.0%	\$15.29	\$21.06
30601	FORESTRY WILDLIFE & NATURAL RESOURCES	29	Agriculture and Natural Resources Cluster	Fish and game wardens	22.0%	\$15.15	\$22.68
120409	AESTHETICIAN/ESTHETICIAN AND SKIN CARE SPECIALIST	29	Human Service Cluster	Skin care specialists	19.0%	\$11.44	\$15.49
10105	AG/BUS MARKETING & RISK MGMT	28	Agriculture and Natural Resources Cluster	Graders and sorters, agricultural products	10.0%	\$7.84	\$8.11
10105	AG/BUS MARKETING & RISK MGMT	28	Agriculture and Natural Resources Cluster	Pest control workers	36.0%	\$10.51	\$12.31
10105	AG/BUS MARKETING & RISK MGMT	28	Agriculture and Natural Resources Cluster	Nonfarm animal caretakers	11.0%	\$10.03	\$13.28
10105	AG/BUS MARKETING & RISK MGMT	28	Agriculture and Natural Resources Cluster	Purchasing agents and buyers, farm products	14.0%	\$15.80	\$21.91
150501	HEATING/AIR COND/VENT	28	Architecture and Construction Cluster	Heating, air conditioning, and refrigeration mechanics and installers	18.0%	\$15.92	\$21.05
150506	WATER AND WASTEWATER TECHNOLOGY	27	Agriculture and Natural Resources Cluster	Water and liquid waste treatment plant and system operators	24.0%	\$16.56	\$20.88
500409	GRAPHIC DESIGN	26	Arts, A/V Technology and Communication Cluster	Art directors	26.0%	\$10.66	\$12.72

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
500409	GRAPHIC DESIGN	26	Arts, A/V Technology and Communication Cluster	Painting, coating, and decorating workers	17.0%	\$10.96	\$13.43
500409	GRAPHIC DESIGN	26	Arts, A/V Technology and Communication Cluster	Artists and related workers, all other	28.0%	\$7.90	\$9.06
500409	GRAPHIC DESIGN	26	Arts, A/V Technology and Communication Cluster	Multi-media artists and animators	28.0%	\$8.70	\$9.83
500409	GRAPHIC DESIGN	26	Arts, A/V Technology and Communication Cluster	Prepress technicians and workers	6.0%	\$14.37	\$17.91
500409	GRAPHIC DESIGN	26	Arts, A/V Technology and Communication Cluster	Graphic designers	27.0%	\$13.80	\$17.81
520401	ADMINISTRATIVE ASSISTANT	26	Management and Administration Cluster	Executive secretaries and administrative assistants	15.0%	\$15.88	\$19.34
520401	ADMINISTRATIVE ASSISTANT	26	Management and Administration Cluster	Secretaries, except legal, medical, and executive	11.0%	\$11.73	\$14.24
111099	CISCO CERTIFIED NETWORK ASSOCIATE	25	Information Technology Cluster	Network systems and data communications analysts	28.0%	\$19.52	\$26.38
111099	CISCO CERTIFIED NETWORK ASSOCIATE	25	Information Technology Cluster	Database administrators	15.0%	\$24.43	\$32.96
111099	CISCO CERTIFIED NETWORK ASSOCIATE	25	Information Technology Cluster	Network and computer systems administrators	16.0%	\$26.15	\$33.49
510912	PHYSICIAN ASSISTANT	25	Health Science Cluster	Physician assistants	28.0%	\$30.20	\$36.74
161603	INTREPRETER PREPARATION	24	Management and Administration Cluster	Interpreters and translators	20.0%	\$11.87	\$16.47
511099	CLINICAL/MEDICAL LABORATORY SCI AND ALLIED PROF, OTHER	24	Health Science Cluster	Medical and clinical laboratory technologists	17.0%	\$20.81	\$26.30
150303	ELECTRONIC TECHNOLOGIES	23	Manufacturing Cluster	Electrical and electronic engineering technicians	9.0%	\$21.39	\$26.13
511004	MEDICAL LABORATORY TECHNOLOGY (MLT)	22	Health Science Cluster	Medical and clinical laboratory technicians	19.0%	\$12.86	\$15.75
120407	HAIR STYLING/HAIR DESIGN	21	Human Service Cluster	Barbers	7.0%	\$13.77	\$19.12
120407	HAIR STYLING/HAIR DESIGN	21	Human Service Cluster	Shampooers	7.0%	\$10.49	\$12.77

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
120407	HAIR STYLING/HAIR DESIGN	21	Human Service Cluster	Hairdressers, hairstylists, and cosmetologists	7.0%	\$10.75	\$14.26
510908	RESPIRATORY CARE	21	Health Science Cluster	Respiratory therapists	23.0%	\$20.22	\$24.13
510908	RESPIRATORY CARE	21	Health Science Cluster	Respiratory therapy technicians	17.0%	\$11.99	\$16.80
480701	WOODWORKING, GENERAL	20	Manufacturing Cluster	Woodworkers, all other	17.0%	\$7.97	\$9.49
480701	WOODWORKING, GENERAL	20	Manufacturing Cluster	Woodworking machine setters, operators, and tenders, except sawing	11.0%	\$10.72	\$12.95
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Extraction workers, all other	27.0%	\$21.79	\$29.65
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Mining machine operators, all other	12.0%	\$18.14	\$22.41
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Paving, surfacing, and tamping equipment operators	14.0%	\$15.60	\$18.60
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Mine cutting and channeling machine operators	29.0%	\$19.13	\$23.30
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Hoist and winch operators	15.0%	\$11.80	\$16.17
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Earth drillers, except oil and gas	18.0%	\$15.65	\$19.81
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Rail-track laying and maintenance equipment operators	21.0%	\$15.12	\$19.34
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Continuous mining machine operators	14.0%	\$16.25	\$20.90
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Construction and related workers, all other	24.0%	\$12.16	\$14.56
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Excavating and loading machine and dragline operators	18.0%	\$16.50	\$20.48
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Dredge operators	28.0%	\$14.20	\$20.72
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Crane and tower operators	12.0%	\$17.33	\$22.76
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Pile-driver operators	22.0%	\$14.25	\$21.24

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Riggers	13.0%	\$14.53	\$20.04
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Operating engineers and other construction equipment operators	14.0%	\$16.88	\$20.05
490202	ENERGY PRODUCTION & INDUSTRIAL CONSTRUCTION -HEQ	20	Architecture and Construction Cluster	Highway maintenance workers	23.0%	\$16.12	\$18.48
30101	NATURAL RESOURCE TECHNOLOGIES	19	Agriculture and Natural Resources Cluster	Forest and conservation technicians	31.0%	\$12.60	\$14.93
30101	NATURAL RESOURCE TECHNOLOGIES	19	Agriculture and Natural Resources Cluster	Foresters	17.0%	\$13.42	\$17.54
30101	NATURAL RESOURCE TECHNOLOGIES	19	Agriculture and Natural Resources Cluster	Conservation scientists	17.0%	\$19.17	\$24.31
30101	NATURAL RESOURCE TECHNOLOGIES	19	Agriculture and Natural Resources Cluster	Forest and conservation workers	23.0%	\$9.23	\$10.97
110401	GEOGRAPHIC INFORMATION SYSTEMS	19	Information Technology Cluster	Network and computer systems administrators	16.0%	\$26.15	\$33.49
110401	GEOGRAPHIC INFORMATION SYSTEMS	19	Information Technology Cluster	Computer and information systems managers	13.0%	\$42.55	\$51.66
110401	GEOGRAPHIC INFORMATION SYSTEMS	19	Information Technology Cluster	Computer software engineers, systems software	9.0%	\$33.99	\$42.58
110401	GEOGRAPHIC INFORMATION SYSTEMS	19	Information Technology Cluster	Computer specialists, all other	18.0%	\$25.79	\$32.68
110401	GEOGRAPHIC INFORMATION SYSTEMS	19	Information Technology Cluster	Computer and information scientists, research	25.0%	\$17.10	\$24.12
120410	MANICURIST	19	Human Service Cluster	Manicurists and pedicurists	10.0%	\$8.66	\$10.01
460499	FACILITIES MAINTENANCE TECHNOLOGY	19	Architecture and Construction Cluster	Terrazzo workers and finishers	21.0%	\$13.50	\$18.35
460499	FACILITIES MAINTENANCE TECHNOLOGY	19	Architecture and Construction Cluster	First-line supervisors/managers of construction trades and extraction workers	19.0%	\$20.20	\$26.61
479999	AUTOMOTIVE TECHNOLOGIES	19	Transportation, Distribution, and Logistics Cluster	Hazardous materials removal workers	16.0%	\$15.49	\$17.71
470603	AUTO COLLISION REPAIR & PAINTING	18	Transportation, Distribution, and Logistics Cluster	Automotive service technicians and mechanics	12.0%	\$13.14	\$18.40
470603	AUTO COLLISION REPAIR & PAINTING	18	Transportation, Distribution, and Logistics Cluster	Automotive glass installers and repairers	12.0%	\$12.54	\$16.59

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
470603	AUTO COLLISION REPAIR & PAINTING	18	Transportation, Distribution, and Logistics Cluster	Automotive body and related repairers	13.0%	\$16.28	\$22.43
470603	AUTO COLLISION REPAIR & PAINTING	18	Transportation, Distribution, and Logistics Cluster	Painters, transportation equipment	15.0%	\$16.80	\$23.41
10507	EQUINE MANAGEMENT	17	Agriculture and Natural Resources Cluster	Animal trainers	10.0%	\$7.86	\$10.05
110901	BUSINESS DATA PROCESSING	17	Information Technology Cluster	Network and computer systems administrators	16.0%	\$26.15	\$33.49
110901	BUSINESS DATA PROCESSING	17	Information Technology Cluster	Network systems and data communications analysts	28.0%	\$19.52	\$26.38
150613	INDUSTRIAL MAINTENANCE TECHNOLOGIES	17	STEM Cluster	Industrial engineering technicians	9.0%	\$19.68	\$23.20
510803	OCCUPATIONAL THERAPY ASSISTANT	17	Health Science Cluster	Occupational therapist assistants	21.0%	\$15.44	\$18.44
510803	OCCUPATIONAL THERAPY ASSISTANT	17	Health Science Cluster	Occupational therapist aides	25.0%	\$13.00	\$15.77
100202	BROADCAST MEDIA PRODUCTION	16	Arts, A/V Technology and Communication Cluster	Film and video editors	12.0%	\$15.74	\$20.94
100202	BROADCAST MEDIA PRODUCTION	16	Arts, A/V Technology and Communication Cluster	Broadcast technicians	22.0%	\$13.93	\$20.46
100202	BROADCAST MEDIA PRODUCTION	16	Arts, A/V Technology and Communication Cluster	Camera operators, television, video, and motion picture	18.0%	\$10.20	\$15.31
150000	ENGINEERING RELATED TECHNOLOGIES	16	STEM Cluster	No Exact Match**			
150701	OCCUPATIONAL SAFETY & HLTH	16	Health Science Cluster	Occupational health and safety specialists	25.0%	\$25.81	\$32.18
511502	PSYCHIATRIC TECHNICIAN	16	Human Service Cluster	Psychiatric aides	21.0%	\$7.81	\$9.67
511502	PSYCHIATRIC TECHNICIAN	16	Human Service Cluster	Psychiatric technicians	19.0%	\$10.51	\$13.32
513399	HOLISTIC HEALTH	16	Health Science Cluster	Health diagnosing and treating practitioners, all other	23.0%	\$12.92	\$17.77
131401	TEACHING ENGLISH AS A SECOND LANGUAGE (QS)	14	Education & Training Cluster	Adult literacy, remedial education, and GED teachers and instructors	21.0%	\$8.52	\$9.40
510899	ACTIVITY PROFESSIONAL TRAINING	14	Health Science Cluster	Healthcare technologists and technicians, all other	23.0%	\$12.80	\$15.70
510899	ACTIVITY PROFESSIONAL TRAINING	14	Health Science Cluster	Medical assistants	21.0%	\$12.84	\$14.65

**Program code is too general to match to specific occupations.

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
510899	ACTIVITY PROFESSIONAL TRAINING	14	Health Science Cluster	Medical equipment preparers	19.0%	\$11.48	\$13.34
510899	ACTIVITY PROFESSIONAL TRAINING	14	Health Science Cluster	Healthcare practitioners and technical workers, all other	29.0%	\$15.57	\$23.77
470302	HEAVY EQUIPMENT	13	Transportation, Distribution, and Logistics Cluster	Rail car repairers	10.0%	\$14.87	\$20.89
470302	HEAVY EQUIPMENT	13	Transportation, Distribution, and Logistics Cluster	Mobile heavy equipment mechanics, except engines	16.0%	\$18.15	\$21.69
470302	HEAVY EQUIPMENT	13	Transportation, Distribution, and Logistics Cluster	Engine and other machine assemblers	11.0%	\$11.74	\$13.64
521910	HOSPITALITY STUDIES	13	Hospitality and Tourism Cluster	Lodging managers	26.0%	\$11.85	\$16.53
10903	ANIMAL LABORATORY TECHNOLOGY	12	Agriculture and Natural Resources Cluster	Animal scientists	32.0%	\$11.49	\$16.18
111002	CISCO NETWORKING TECHNOLOGIES	12	Information Technology Cluster	Network and computer systems administrators	16.0%	\$26.15	\$33.49
470402	GUNSMITHING	12	Manufacturing Cluster	Installation, maintenance, and repair workers, all other	17.0%	\$10.44	\$14.05
510801	MED OFFICE TECH	12	Health Science Cluster	Medical equipment preparers	19.0%	\$11.48	\$13.34
510801	MED OFFICE TECH	12	Health Science Cluster	Medical assistants	21.0%	\$12.84	\$14.65
439999	EMERGENCY MGMT. & PLANNING	11	Law, Public Safety, Corrections, & Security	Lifeguards, ski patrol, and other recreational protective service workers	41.0%	\$8.32	\$9.24
439999	EMERGENCY MGMT. & PLANNING	11	Law, Public Safety, Corrections, & Security	Parking enforcement workers	16.0%	\$12.56	\$16.77
439999	EMERGENCY MGMT. & PLANNING	11	Law, Public Safety, Corrections, & Security	Animal control workers	24.0%	\$13.17	\$17.47
439999	EMERGENCY MGMT. & PLANNING	11	Law, Public Safety, Corrections, & Security	Crossing guards	25.0%	\$9.37	\$11.56
439999	EMERGENCY MGMT. & PLANNING	11	Law, Public Safety, Corrections, & Security	First-line supervisors/managers, protective service workers, all other	31.0%	\$13.96	\$17.46
439999	EMERGENCY MGMT. & PLANNING	11	Law, Public Safety, Corrections, & Security	Transit and railroad police	20.0%	\$14.58	\$22.01
439999	EMERGENCY MGMT. & PLANNING	11	Law, Public Safety, Corrections, & Security	Protective service workers, all other	44.0%	\$10.57	\$12.82
511508	HUMN.SVCS.	11	Human Service Cluster	Mental health counselors	19.0%	\$13.12	\$15.95

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
510910	MEDICAL SONOGRAPHY	10	Health Science Cluster	Diagnostic medical sonographers	18.0%	\$27.10	\$32.28
250301	LIBRARY TECHNICIAN	9	Education & Training Cluster	Library technicians	31.0%	\$11.72	\$14.13
250301	LIBRARY TECHNICIAN	9	Education & Training Cluster	Library assistants, clerical	31.0%	\$8.73	\$10.62
520901	HOSPITALITY	9	Hospitality and Tourism Cluster	Lodging managers	26.0%	\$11.85	\$16.53
520901	HOSPITALITY	9	Hospitality and Tourism Cluster	Food service managers	29.0%	\$12.43	\$16.57
520301	ACCOUNTING	8	Finance Cluster	Credit analysts	16.0%	\$23.63	\$32.81
520301	ACCOUNTING	8	Finance Cluster	Accountants and auditors	19.0%	\$17.88	\$22.77
520301	ACCOUNTING	8	Finance Cluster	Tax examiners, collectors, and revenue agents	30.0%	\$21.80	\$27.84
520301	ACCOUNTING	8	Finance Cluster	Budget analysts	18.0%	\$26.42	\$31.59
520301	ACCOUNTING	8	Finance Cluster	Financial examiners	35.0%	\$18.89	\$26.16
10301	PRODUCTION AGRICULTURE	7	Agriculture and Natural Resources Cluster	Farm, ranch, and other agricultural managers	15.0%	\$10.82	\$14.31
10301	PRODUCTION AGRICULTURE	7	Agriculture and Natural Resources Cluster	Farmers and ranchers	10.0%	\$7.28	\$8.71
10303	AQUACULTURE	5	Agriculture and Natural Resources Cluster	Farmers and ranchers	10.0%	\$7.28	\$8.71
30299	NATURAL RESOURCE TECHNOLOGIES - ZOOKEEPING OPTION	5	Agriculture and Natural Resources Cluster	Conservation scientists	17.0%	\$19.17	\$24.31
30299	NATURAL RESOURCE TECHNOLOGIES - ZOOKEEPING OPTION	5	Agriculture and Natural Resources Cluster	Forest and conservation technicians	31.0%	\$12.60	\$14.93
30299	NATURAL RESOURCE TECHNOLOGIES - ZOOKEEPING OPTION	5	Agriculture and Natural Resources Cluster	Forest and conservation workers	23.0%	\$9.23	\$10.97
30299	NATURAL RESOURCE TECHNOLOGIES - ZOOKEEPING OPTION	5	Agriculture and Natural Resources Cluster	Foresters	17.0%	\$13.42	\$17.54
120402	BARBER	5	Human Service Cluster	Barbers	7.0%	\$13.77	\$19.12
150612	INDUSTRIAL SCIENCE AND OPERATIONS	5	STEM Cluster	Industrial engineering technicians	9.0%	\$19.68	\$23.20
150699	INDUSTRIAL RELATED TECHNOLOGIES	5	STEM Cluster	Industrial engineering technicians	9.0%	\$19.68	\$23.20
310501	HUMAN PERFORMANCE/EXERCISE HEALTH SCIENCES	5	Health Science Cluster	Fitness trainers and aerobics instructors	35.0%	\$11.28	\$15.38
310501	HUMAN PERFORMANCE/EXERCISE HEALTH SCIENCES	5	Health Science Cluster	Athletes and sports competitors	27.0%	\$13.53	\$17.65

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
310501	HUMAN PERFORMANCE/EXERCISE HEALTH SCIENCES	5	Health Science Cluster	Coaches and scouts	26.0%	\$10.81	\$13.33
460302	ELECTRICAL	5	Architecture and Construction Cluster	Signal and track switch repairers	25.0%	\$9.32	\$12.27
460302	ELECTRICAL	5	Architecture and Construction Cluster	Helpers, electricians	18.0%	\$11.43	\$13.76
460302	ELECTRICAL	5	Architecture and Construction Cluster	Electricians	16.0%	\$16.35	\$21.87
460302	ELECTRICAL	5	Architecture and Construction Cluster	Security and fire alarm systems installers	23.0%	\$14.09	\$17.77
460302	ELECTRICAL	5	Architecture and Construction Cluster	First-line supervisors/managers of construction trades and extraction workers	19.0%	\$20.20	\$26.61
500502	STAGE TECHNOLOGY	5	Arts, A/V Technology and Communication Cluster	Set and exhibit designers	39.0%	\$8.77	\$13.01
111004	BUSINESS TECHNOLOGY	4	Information Technology Cluster	Computer programmers	9.0%	\$23.95	\$31.49
111004	BUSINESS TECHNOLOGY	4	Information Technology Cluster	Computer systems analysts	17.0%	\$28.86	\$36.25
513104	DIETETIC TECHNOLOGY	4	Health Science Cluster	Dietetic technicians	23.0%	\$7.90	\$9.39
521001	HUMAN RESOURCES	4	Management and Administration Cluster	Human resources, training, and labor relations specialists, all other	26.0%	\$20.36	\$26.66
521001	HUMAN RESOURCES	4	Management and Administration Cluster	Training and development specialists	25.0%	\$18.49	\$23.97
521001	HUMAN RESOURCES	4	Management and Administration Cluster	Compensation, benefits, and job analysis specialists	26.0%	\$19.82	\$25.62
521001	HUMAN RESOURCES	4	Management and Administration Cluster	Employment, recruitment, and placement specialists	27.0%	\$16.09	\$22.14
521001	HUMAN RESOURCES	4	Management and Administration Cluster	Human resources managers, all other	18.0%	\$32.79	\$42.42
521001	HUMAN RESOURCES	4	Management and Administration Cluster	Compensation and benefits managers	19.0%	\$25.07	\$36.50
521001	HUMAN RESOURCES	4	Management and Administration Cluster	Training and development managers	21.0%	\$27.35	\$35.89
521401	BUSINESS ADMINISTRATION - MARKETING	4	Marketing Cluster	Marketing managers	19.0%	\$26.53	\$36.89

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
521401	BUSINESS ADMINISTRATION - MARKETING	4	Marketing Cluster	Advertising and promotions managers	17.0%	\$18.98	\$29.12
521401	BUSINESS ADMINISTRATION - MARKETING	4	Marketing Cluster	Sales managers	20.0%	\$24.64	\$36.88
10302	BEEF FEEDLOT OPERATIONS	3	Agriculture and Natural Resources Cluster	Farm, ranch, and other agricultural managers	15.0%	\$10.82	\$14.31
10302	BEEF FEEDLOT OPERATIONS	3	Agriculture and Natural Resources Cluster	Agricultural and food science technicians	24.0%	\$11.90	\$14.72
10302	BEEF FEEDLOT OPERATIONS	3	Agriculture and Natural Resources Cluster	Farmers and ranchers	10.0%	\$7.28	\$8.71
10302	BEEF FEEDLOT OPERATIONS	3	Agriculture and Natural Resources Cluster	Animal breeders	21.0%	\$7.96	\$9.94
10302	BEEF FEEDLOT OPERATIONS	3	Agriculture and Natural Resources Cluster	Farm and home management advisors	18.0%	\$12.22	\$16.57
110301	DATA PROCESSING AND DATA PROCESSING TECHNOL/TECHNICIAN	3	Information Technology Cluster	Computer support specialists	18.0%	\$17.80	\$22.55
110301	DATA PROCESSING AND DATA PROCESSING TECHNOL/TECHNICIAN	3	Information Technology Cluster	Numerical tool and process control programmers	10.0%	\$19.09	\$23.37
110301	DATA PROCESSING AND DATA PROCESSING TECHNOL/TECHNICIAN	3	Information Technology Cluster	Computer operators	6.0%	\$15.19	\$18.84
110301	DATA PROCESSING AND DATA PROCESSING TECHNOL/TECHNICIAN	3	Information Technology Cluster	Computer specialists, all other	18.0%	\$25.79	\$32.68
120503	CULINARY ARTS	3	Hospitality and Tourism Cluster	Cooks, restaurant	21.0%	\$9.31	\$11.13
120503	CULINARY ARTS	3	Hospitality and Tourism Cluster	Chefs and head cooks	12.0%	\$14.38	\$18.48
120503	CULINARY ARTS	3	Hospitality and Tourism Cluster	Cooks, private household	29.0%	\$8.53	\$11.14
120503	CULINARY ARTS	3	Hospitality and Tourism Cluster	Cooks, all other	30.0%	\$10.27	\$13.01
460503	PLUMBING	3	Architecture and Construction Cluster	Pipelayers	22.0%	\$14.87	\$19.11
460503	PLUMBING	3	Architecture and Construction Cluster	Plumbers, pipefitters, and steamfitters	15.0%	\$16.27	\$20.98
460503	PLUMBING	3	Architecture and Construction Cluster	Septic tank servicers and sewer pipe cleaners	27.0%	\$15.58	\$19.80
460503	PLUMBING	3	Architecture and Construction Cluster	First-line supervisors/managers of construction trades and extraction workers	19.0%	\$20.20	\$26.61

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
460503	PLUMBING	3	Architecture and Construction Cluster	Helpers, pipelayers, plumbers, pipefitters, and steamfitters	22.0%	\$12.74	\$15.32
470613	DIESEL TECHNOLOGY	3	Transportation, Distribution, and Logistics Cluster	Bus and truck mechanics and diesel engine specialists	14.0%	\$16.89	\$20.75
470613	DIESEL TECHNOLOGY	3	Transportation, Distribution, and Logistics Cluster	Automotive service technicians and mechanics	12.0%	\$13.14	\$18.40
490102	AVIATION TECHNOLOGY	3	Transportation, Distribution, and Logistics Cluster	Commercial pilots	24.0%	\$18.52	\$25.94
490102	AVIATION TECHNOLOGY	3	Transportation, Distribution, and Logistics Cluster	Airline pilots, copilots, and flight engineers	30.0%	\$45.05	\$57.91
520299	BUSINESS-INTERDISCIPLINARY	3	Management and Administration Cluster	Managers, all other	29.0%	\$14.45	\$20.87
520803	BANKING & FINANCIAL SERVICES	3	Finance Cluster	New accounts clerks	14.0%	\$12.87	\$14.67
520803	BANKING & FINANCIAL SERVICES	3	Finance Cluster	Loan counselors	10.0%	\$14.63	\$20.81
520803	BANKING & FINANCIAL SERVICES	3	Finance Cluster	Tellers	26.0%	\$10.91	\$12.59
520803	BANKING & FINANCIAL SERVICES	3	Finance Cluster	Bill and account collectors	21.0%	\$12.56	\$14.70
520803	BANKING & FINANCIAL SERVICES	3	Finance Cluster	Loan interviewers and clerks	12.0%	\$14.02	\$17.50
520803	BANKING & FINANCIAL SERVICES	3	Finance Cluster	Credit authorizers, checkers, and clerks	14.0%	\$12.60	\$15.63
521101	BUSINESS ADMINISTRATION - INTERNATIONAL BUSINESS	3	Management and Administration Cluster	Chief executives	32.0%	\$13.29	\$20.98
521101	BUSINESS ADMINISTRATION - INTERNATIONAL BUSINESS	3	Management and Administration Cluster	General and operations managers	17.0%	\$27.08	\$39.96
10101	AGRI-BUSINESS	2	Agriculture and Natural Resources Cluster	Farmers and ranchers	10.0%	\$7.28	\$8.71
10101	AGRI-BUSINESS	2	Agriculture and Natural Resources Cluster	Farm, ranch, and other agricultural managers	15.0%	\$10.82	\$14.31
100303	GRAPHIC DESIGN	2	Arts, A/V Technology and Communication Cluster	Desktop publishers	15.0%	\$10.71	\$14.15
100303	GRAPHIC DESIGN	2	Arts, A/V Technology and Communication Cluster	Prepress technicians and workers	6.0%	\$14.37	\$17.91

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
151202	A+ CERTIFICATION	2	Manufacturing Cluster	Electrical and electronic engineering technicians	9.0%	\$21.39	\$26.13
460201	CARPENTRY	2	Architecture and Construction Cluster	Carpenters	14.0%	\$15.55	\$21.02
460201	CARPENTRY	2	Architecture and Construction Cluster	First-line supervisors/managers of construction trades and extraction workers	19.0%	\$20.20	\$26.61
460201	CARPENTRY	2	Architecture and Construction Cluster	Helpers, carpenters	16.0%	\$12.40	\$14.82
470605	AUTO/DIESEL MASTER TECHNICIAN	2	Transportation, Distribution, and Logistics Cluster	Bus and truck mechanics and diesel engine specialists	14.0%	\$16.89	\$20.75
470608	AIRCRAFT MAINTENANCE (A&P)	2	Transportation, Distribution, and Logistics Cluster	Aircraft mechanics and service technicians	15.0%	\$21.68	\$25.50
470608	AIRCRAFT MAINTENANCE (A&P)	2	Transportation, Distribution, and Logistics Cluster	Aircraft structure, surfaces, rigging, and systems assemblers	17.0%	\$14.42	\$20.44
480303	POWER SEWING	2	Manufacturing Cluster	Upholsterers	11.0%	\$9.54	\$13.21
500605	PHOTOGRAPHY	2	Arts, A/V Technology and Communication Cluster	Photographers	16.0%	\$8.51	\$12.86
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Reservation and transportation ticket agents and travel clerks	24.0%	\$11.65	\$15.32
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Lodging managers	26.0%	\$11.85	\$16.53
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Counter and rental clerks	13.0%	\$9.02	\$11.16
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Sales representatives, wholesale and manufacturing, technical and scientific products	14.0%	\$21.05	\$31.99
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Hotel, motel, and resort desk clerks	29.0%	\$8.80	\$10.16
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Travel guides	42.0%	\$7.37	\$7.62
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Transportation attendants, except flight attendants and baggage porters	20.0%	\$8.40	\$9.87
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	First-line supervisors/managers of retail sales workers	19.0%	\$10.77	\$14.18
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Parts salespersons	21.0%	\$11.83	\$15.69
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Retail salespersons	20.0%	\$8.50	\$10.42
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Travel agents	4.0%	\$10.98	\$13.02
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Sales representatives, services, all other	20.0%	\$14.36	\$20.08

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Sales engineers	19.0%	\$29.56	\$37.14
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Meeting and convention planners	26.0%	\$13.04	\$15.56
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Door-to-door sales workers, news and street vendors, and related workers	14.0%	\$7.29	\$7.30
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Sales and related workers, all other	19.0%	\$9.26	\$12.35
521804	SELLING SKILLS AND SALES OPERATIONS	2	Marketing Cluster	Telemarketers	13.0%	\$9.01	\$11.30
	NOT REPORTED*	1					
110801	COMPUTER INFORMATION TECHNOLOGIES	1	Arts, A/V Technology and Communication Cluster	Computer programmers	9.0%	\$23.95	\$31.49
110801	COMPUTER INFORMATION TECHNOLOGIES	1	Arts, A/V Technology and Communication Cluster	Graphic designers	27.0%	\$13.80	\$17.81
110801	COMPUTER INFORMATION TECHNOLOGIES	1	Arts, A/V Technology and Communication Cluster	Multi-media artists and animators	28.0%	\$8.70	\$9.83
119999	COMPUTER SUPPORT PROFESSIONAL	1	Information Technology Cluster	Computer and information scientists, research	25.0%	\$17.10	\$24.12
119999	COMPUTER SUPPORT PROFESSIONAL	1	Information Technology Cluster	Network and computer systems administrators	16.0%	\$26.15	\$33.49
119999	COMPUTER SUPPORT PROFESSIONAL	1	Information Technology Cluster	Computer specialists, all other	18.0%	\$25.79	\$32.68
131210	EARLY CHILDHOOD EDUCATION	1	Human Service Cluster	Kindergarten teachers, except special education	20.0%	\$20.00	\$24.15
131210	EARLY CHILDHOOD EDUCATION	1	Human Service Cluster	Preschool teachers, except special education	15.0%	\$8.70	\$10.63
131501	K-12 PARAEDUCATOR FOR SPECIAL POPULATIONS	1	Education & Training Cluster	Teacher assistants	19.0%	\$12.25	\$14.19
150399	ELECTRONICS TECHNOLOGIES	1	Manufacturing Cluster	Electrical and electronic engineering technicians	9.0%	\$21.39	\$26.13
151199	POWER PLANT TECHNOLOGY	1	STEM Cluster	Engineering technicians, except drafters, all other	14.0%	\$19.70	\$25.50
190709	EARLY CHILDHOOD CERTIFICATE	1	Human Service Cluster	Child care workers	15.0%	\$7.70	\$8.23
301501	SCIENCE, TECHNOLOGY AND SOCIETY	1	STEM Cluster	Natural sciences managers	25.0%	\$44.66	\$53.36
360113	GAME DESIGN AND DEVELOPMENT	1	Information Technology Cluster	No jobs in Colorado			

*One degree was accepted in the file with no corresponding program code, so a corresponding occupation could not be determined.

Program Code	Program Name	Degrees Awarded	Cluster	Job Description	Projected Change 2009 to 2014	Average Entry-Level Hourly Wage	Average Median Hourly Wage
410101	BIOTECH	1	Health Science Cluster	Biological technicians	29.0%	\$13.47	\$18.38
440000	MEDIATION C*3	1	Human Service Cluster	No Exact Match**			
450799	GEOGRAPHIC INFORMATION SYSTEMS	1	STEM Cluster	Geographers	33.0%	\$17.84	\$25.99
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Carpet installers	21.0%	\$13.51	\$18.90
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Construction and related workers, all other	24.0%	\$12.16	\$14.56
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Floor sanders and finishers	22.0%	\$15.60	\$19.88
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Floor layers, except carpet, wood, and hard tiles	20.0%	\$14.14	\$19.25
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Construction laborers	13.0%	\$12.67	\$16.22
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	First-line supervisors/managers of construction trades and extraction workers	19.0%	\$20.20	\$26.61
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Hazardous materials removal workers	16.0%	\$15.49	\$17.71
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Fence erectors	13.0%	\$13.00	\$17.39
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Reinforcing iron and rebar workers	14.0%	\$14.53	\$17.95
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Tapers	15.0%	\$15.77	\$20.78
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Plasterers and stucco masons	13.0%	\$14.37	\$17.80
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Insulation workers, mechanical	24.0%	\$13.24	\$16.45
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Insulation workers, floor, ceiling, and wall	22.0%	\$13.37	\$16.41
469999	COMPREHENSIVE BUILDING TRADES	1	Architecture and Construction Cluster	Structural iron and steel workers	14.0%	\$15.15	\$18.34
510000	ALLIED HEALTH	1	Health Science Cluster	No Exact Match**			
510708	MEDICAL TRANSCRIPTION	1	Health Science Cluster	Medical transcriptionists	16.0%	\$13.19	\$15.88
512601	HEALTH CARE SUPPORT TECHNICIAN	1	Health Science Cluster	Psychiatric aides	21.0%	\$7.81	\$9.67
512601	HEALTH CARE SUPPORT TECHNICIAN	1	Health Science Cluster	Nursing aides, orderlies, and attendants	17.0%	\$10.80	\$12.45

**Program code is too general to match to specific occupations.

