



Southwestern Supports Job Growth Occupations

Southwestern develops and maintains relevant educational programs which promote exceptional community and student learning experiences. National, statewide and regional projections of job growth allow the College to remain focused on current programs while planning for the future and long-term sustainability. Nurses and educators are among the top ten occupations which are supported by Southwestern programs. The College continues to advance educational programs through a partnership with the University Center and Oregon Health Sciences University, allowing students in both of these programs to remain in the area to complete a four-year or advanced degree. The College currently offers several programs to support projected job growth of occupations listed within the national top twenty that require a certificate or degree and have the projected largest job growth through 2016.

- Nursing
- Health Occupations
- Secondary Educators
- Childhood Education
- Computer Science
- Computer Networking
- Web Administration
- Business Administration
- Accounting
- Office Management

The Oregon statewide forecast is also projecting the largest increases in educational and health services.

TABLE 1 Oregon: Employment Forecast by Broad Industry, 2006-2016				
Broad Industry	2006	2016	Change	Percent Change
Total nonfarm employment	1,702,500	1,943,600	241,100	14%
Educational and health services	205,200	262,700	57,500	28%
Professional and business services	193,100	232,800	39,700	21%
Leisure and hospitality	165,300	197,500	32,200	19%
Construction	100,300	115,000	14,700	15%
Trade, transportation, and utilities	336,200	379,800	43,600	13%
Other services	59,000	66,500	7,500	13%
Financial activities	105,800	117,900	12,100	11%
Information	35,000	38,800	3,800	11%
Government	286,500	314,200	27,700	10%
Manufacturing	206,800	209,100	2,300	1%
Natural resources and mining	9,200	9,300	100	1%

A full labor trends report for Oregon and the Coos and Curry region including links to the monthly labor trends newsletters are posted on the Southwestern Measures of Achievement webpage: <http://www.socc.edu/ie/pgs/research/measures/index.shtml>

Southwestern Enrollment by Degree Concentration

MA 3: Labor Trends Degree Concentration Student Enrollment 2008-09			
Degree & Certificate Area	08/FA	09/WI	09/SP
AA Oregon Transfer	1,108	1,017	889
Associate General Science	47	48	51
Athletic Training, Fitness Management & Physical Education	42	34	27
Baking & Pastry	43	44	30
Basic Nursing Assistant	14	15	9
Business Administration, Accounting & Marketing	139	137	119
Childhood Education	47	59	40
Computer, Network and Web Administration	53	55	41
Criminal Justice	61	50	39
Culinary Arts	91	87	60
EMT and Paramedic	36	38	30
Engineering	14	17	12
Fire Science	60	57	51
Human Services	53	53	42
Industrial Technology, Welding & Semiconductor	33	30	29
Mathematics	3	1	2
Medical Assistant and Aide	56	63	53
Music	3	1	
Natural Resources and Forest Resources	5	5	3
Nursing	169	156	153
Office Administration	4	3	2
Pharmacy Technician	9	15	8
Rural Health and Medication Aide	3	6	4
Skills and Job Training	55	49	30
Turf & Landscape, Horticulture & Environmental	9	11	10
Grand Total	2,157	2,051	1,734

National Figures Projected Through 2016

Occupations with the largest job growth

This file represents *Table 3, Occupations with the largest job growth, 2006-16*, in "Occupational employment projections to 2016," published in the [November 2007 Monthly Labor Review](#).

Table 3. Occupations with the largest job growth, 2006-16 [Numbers in thousands]

2006 National Employment Matrix code and title		Employment		Change		Quartile rank by 2006 median annual earnings ⁽¹⁾	Most significant source of postsecondary education or training ⁽²⁾
Title	Code	Number		Numeric	Percent		
		2006	2016				
Registered nurses	29-1111	2,505	3,092	587	23.5	VH	Associate degree
Retail salespersons	41-2031	4,477	5,034	557	12.4	VL	Short-term on-the-job training
Customer service representatives	43-4051	2,202	2,747	545	24.8	L	Moderate-term on-the-job training
Combined food preparation and serving workers, including fast food	35-3021	2,503	2,955	452	18.1	VL	Short-term on-the-job training
Office clerks, general	43-9061	3,200	3,604	404	12.6	L	Short-term on-the-job training
Personal and home care aides	39-9021	767	1,156	389	50.6	VL	Short-term on-the-job training
Home health aides	31-1011	787	1,171	384	48.7	VL	Short-term on-the-job training
Postsecondary teachers	25-1000	1,672	2,054	382	22.9	VH	Doctoral degree
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	2,387	2,732	345	14.5	VL	Short-term on-the-job training
Nursing aides, orderlies, and attendants	31-1012	1,447	1,711	264	18.2	L	Postsecondary vocational award
Bookkeeping, accounting, and auditing clerks	43-3031	2,114	2,377	264	12.5	L	Moderate-term on-the-job training
Waiters and waitresses	35-3031	2,361	2,615	255	10.8	VL	Short-term on-the-job training
Child care workers	39-9011	1,388	1,636	248	17.8	VL	Short-term on-the-job training

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Title	Code	Number		Numeric	Percent		
		2006	2016				
Executive secretaries and administrative assistants	43-6011	1,618	1,857	239	14.8	H	Work experience in a related occupation
Computer software engineers, applications	15-1031	507	733	226	44.6	VH	Bachelor's degree
Accountants and auditors	13-2011	1,274	1,500	226	17.7	VH	Bachelor's degree
Landscaping and groundskeeping workers	37-3011	1,220	1,441	221	18.1	L	Short-term on-the-job training
Elementary school teachers, except special education	25-2021	1,540	1,749	209	13.6	H	Bachelor's degree
Receptionists and information clerks	43-4171	1,173	1,375	202	17.2	L	Short-term on-the-job training
Truck drivers, heavy and tractor-trailer	53-3032	1,860	2,053	193	10.4	H	Moderate-term on-the-job training
Maids and housekeeping cleaners	37-2012	1,470	1,656	186	12.7	VL	Short-term on-the-job training
Security guards	33-9032	1,040	1,216	175	16.9	L	Short-term on-the-job training
Carpenters	47-2031	1,462	1,612	150	10.3	H	Long-term on-the-job training
Management analysts	13-1111	678	827	149	21.9	VH	Bachelor's or higher degree, plus work experience
Medical assistants	31-9092	417	565	148	35.4	L	Moderate-term on-the-job training
Computer systems analysts	15-1051	504	650	146	29.0	VH	Bachelor's degree
Maintenance and repair workers, general	49-9042	1,391	1,531	140	10.1	H	Moderate-term on-the-job training
Network systems and data communications analysts	15-1081	262	402	140	53.4	VH	Bachelor's degree
Food preparation workers	35-2021	902	1,040	138	15.3	VL	Short-term on-the-job training

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Title	Code	Number		Numeric	Percent		
		2006	2016				
Teacher assistants	25-9041	1,312	1,449	137	10.4	VL	Short-term on-the-job training

Footnotes:

(1) The quartile rankings of Occupational Employment Statistics Survey annual wages data are presented in the following categories: VH = very high (\$46,360 or more), H = high (\$30,630 to \$46,300), L = low (\$21,260 to \$30,560), and VL = very low (up to \$21,220). The rankings were based on quartiles, with one-fourth of total employment defining each quartile. Wages are for wage and salary workers.

(2) An occupation is placed into 1 of 11 categories that best describes the postsecondary education or training needed by most workers to become fully qualified in that occupation. For more information about the categories, see Occupational Projections and Training Data, 2006-07 edition, Bulletin 2602 (Bureau of Labor Statistics, February 2006) and Occupational Projections and Training Data, 2008-09 edition, Bulletin 2702 (Bureau of Labor Statistics, forthcoming).

This file represents *Table 2, Fastest growing occupations, 2006-16*, in "Occupational employment projections to 2016," published in the [November 2007 Monthly Labor Review](#).

Source of National Data: <http://stats.bls.gov/emp/emptab3.htm>

Fastest growing occupations

Table 2. Fastest growing occupations, 2006-16 [Numbers in thousands]

2006 National Employment Matrix		Employment		Change		Quartile rank by 2006 median annual earnings ⁽¹⁾	Most significant source of postsecondary education or training ⁽²⁾
Title	Code	Number		Percent	Numeric		
		2006	2016				
Network systems and data communications analysts	15-1081	262	402	53.4	140	VH	Bachelor's degree
Personal and home care aides	39-9021	767	1,156	50.6	389	VL	Short-term on-the-job training
Home health aides	31-1011	787	1,171	48.7	384	VL	Short-term on-the-job training
Computer software engineers, applications	15-1031	507	733	44.6	226	VH	Bachelor's degree
Veterinary technologists and technicians	29-2056	71	100	41.0	29	L	Associate degree
Personal financial advisors	13-2052	176	248	41.0	72	VH	Bachelor's degree
Makeup artists, theatrical and performance	39-5091	2	3	39.8	1	H	Postsecondary vocational award
Medical assistants	31-9092	417	565	35.4	148	L	Moderate-term on-the-job training
Veterinarians	29-1131	62	84	35.0	22	VH	First professional degree
Substance abuse and behavioral disorder counselors	21-1011	83	112	34.3	29	H	Bachelor's degree
Skin care specialists	39-5094	38	51	34.3	13	L	Postsecondary vocational award
Financial analysts	13-2051	221	295	33.8	75	VH	Bachelor's degree
Social and human service assistants	21-1093	339	453	33.6	114	L	Moderate-term on-the-job training
Gaming surveillance officers and gaming investigators	33-9031	9	12	33.6	3	L	Moderate-term on-the-job training
Physical therapist assistants	31-2021	60	80	32.4	20	H	Associate degree
Pharmacy technicians	29-2052	285	376	32.0	91	L	Moderate-term on-the-job training
Forensic science technicians	19-4092	13	17	30.7	4	H	Bachelor's degree

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		2006	2016				
Dental hygienists	29-2021	167	217	30.1	50	VH	Associate degree
Mental health counselors	21-1014	100	130	30.0	30	H	Master's degree
Mental health and substance abuse social workers	21-1023	122	159	29.9	37	H	Master's degree
Marriage and family therapists	21-1013	25	32	29.8	7	H	Master's degree
Dental assistants	31-9091	280	362	29.2	82	L	Moderate-term on-the-job training
Computer systems analysts	15-1051	504	650	29.0	146	VH	Bachelor's degree
Database administrators	15-1061	119	154	28.6	34	VH	Bachelor's degree
Computer software engineers, systems software	15-1032	350	449	28.2	99	VH	Bachelor's degree
Gaming and sports book writers and runners	39-3012	18	24	28.0	5	VL	Short-term on-the-job training
Environmental science and protection technicians, including health	19-4091	36	47	28.0	10	H	Associate degree
Manicurists and pedicurists	39-5092	78	100	27.6	22	VL	Postsecondary vocational award
Physical therapists	29-1123	173	220	27.1	47	VH	Master's degree
Physician assistants	29-1071	66	83	27.0	18	VH	Master's degree

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Source of National Data: <http://stats.bls.gov/emp/emptab21.htm>