

Workforce Estimating Conference
February 24, 2005
Minutes

Welcome and Opening Remarks

Don Langston, representing the Florida Governor's office, chaired and opened the meeting at 3:00 pm on February 24, 2005. After introductions and review of the agenda, Dr. Langston mentioned that some issues raised by the Florida Department of Education (DOE) concerning the WEC process and mission would be discussed at the end of the agenda.

The principals and / or their representatives that were in attendance were:

Name	Representing
Don Langston, designee	Executive Office of the Governor
Jay Pfeiffer, designee	Commissioner of Education
May Helen Blakeslee, designee	Director of the Office of Tourism, Trade, and Economic Development
Susan Pareigis, Director	Agency for Workforce Innovation
Rebecca Rust, designee	Agency for Workforce Innovation
Max Ketterman, designee	Executive Director of the Commission for Independent Education
Bill Edmonds, designee	Chancellor, Division of Colleges and Universities
Bonnie Marmor, designee	Chancellor, Division of Community Colleges and Workforce Education
Larry Champion, designee	Chair of Workforce Florida, Inc.
Amy Baker, Coordinator	Office of Economic and Demographic Research
Skip Martin, Staff Director	Florida Senate, Transportation and Economic Development Appropriations Committee

The principal that was not in attendance was: Michael Carlson, Staff Director, Florida House of Representatives, Economic Development, Trade and Banking Committee.

Other attendees included: Susan Simpler, Beth Lines, Tim Elwell, Bill Ammons, Ouida Ashworth, Brian Savon, Duane Whitfield, Curt Bradbury, Fielding Cooley, Mike Johnson, Sally Kiser, Jeff Bacen, Bill Dobson, Stephen Birch, Steve Kropp, Sarah Lentz, Margaret Thomas, Barbara White, James Finch, Man Le, Sheila Connell, Chris Knight, and Pamela Schenker.

Florida Labor Market and Economic Update

Rebecca Rust presented an overview of the Florida labor market and economy. Florida's labor market continues to expand with stronger employment growth than all other states in the nation, but still slower than historical standards for Florida.

Florida Employment Projections 2012

Bill Dobson presented the new state industry and occupational forecast to 2012. This is the first set of industry projections based on the North American Industry Classification System (NAICS) prepared by the Agency for Workforce Innovation, Labor Market Statistics. This is also the first occupational forecast to use employment and wages estimates based on semi-annual data collection efforts, reducing seasonality in the data. New occupational education requirement codes developed by the Florida DOE were also introduced with this forecast to identify the occupations in scope for targeting.

Professional and business services, health and education services, hospitality, and construction were identified as the major industry sectors to generate the majority of the new jobs in the next eight years. Healthcare, computers, education, and construction related occupations were projected to be the fastest growing career fields.

2005-2006 Proposed State Demand Occupations List

Bill Dobson presented the proposed state demand occupations list based on the occupational projections and the openings/wage criteria set forth at the prior Workforce Estimating Conference. Mr. Dobson then reviewed the occupations that have either been added (22 occupations) or deleted (64 occupations) for a net change of 40 occupations from the 2004-2005 demand occupations list.

Discussion centered on some of the occupations that were removed from the list. Ms. Mary Helen Blakeslee indicated that the absence of some occupations might negatively affect business development efforts within Florida. Other principals of the Conference felt that local lists would include many of the occupations that she expressed concern about and these local lists would be available as primary documents for business development.

Prior to calling for a vote approving the State Demand Occupations List, Dr. Langston called for discussion of the issues raised by Florida DOE.

Other Items

Jay Pfeiffer, representing DOE, presented three issues. The first issue concerned moving responsibility for development of the statewide demand list to the state workforce development board, Workforce Florida, Inc. After discussion of the issue, there was no agreement that the conference, as such, should pursue the suggested changes. Dr. Langston and others suggested that this would involve changes to fundamental policies governing the conference and that the proper venue for such discussion was elsewhere, though interested conference principals should probably be involved.

The second issue involved focusing attention of strategic planning for statewide occupational development. The consensus of the conference principals is that the conference currently has that capability within its guidelines and that this can be addressed. The principals agreed to discuss this process at a future date.

The third issue involved questions concerning the process of revising local targeted occupations list. It was suggested that this is an issue that could be addressed by Workforce Florida, Inc. by issuing a procedural manual of policy guide that standardizes the processes for amending local lists. Training on how to amend the list was also suggested.

Following this discussion, Dr. Langston called for a vote for approval of the statewide demand occupations list. The conference principals unanimously approved the list.

Another comment was noted that Workforce Region 24 is interested in working with WFI on the possibility of including occupations on a regional list that may be in a career path to a targeted occupation even if it currently does not meet the required criteria. AWI Labor Market Statistics stated that a website that will enable input for additions/deletions to the Regional Target Occupations List is ready for review.

The conference was adjourned at 5:05 pm.

2005-06 Florida Statewide
Targeted Occupations List (TOL)

2005-06 Florida Statewide Targeted Occupations List (TOL)

Sorted by Occupational Title

Workforce Estimating Conference 2005-06 Selection Criteria:

- 1 FLDOE Training Codes 3 (PSAV Certificate) and 4 (Community College Credit/Degree)
- 2 150 annual openings and a projected annual growth rate above the average growth rate for all occupations (1.99%) or 360 annual openings with any positive growth
- 3 Mean Wage of \$11.06/hour and Entry Wage of \$9.00/hour
- 4 High Skill/High Wage (HSHW) Occupations: Mean Wage of \$17.35/hour and Entry Wage of \$11.06/hour

SOC Code	HSHW	SOC Title	Based on				Current Training Code*	New to 2005-06 TOL
			2012 Projections		2004 Hourly Wage			
			Annual Percent Growth	Annual Openings	Mean	Entry		
113011	HSHW	Administrative Services Managers	2.21	438	33.01	18.17	4	
413011	HSHW	Advertising Sales Agents	1.82	350	23.32	11.10	3	New
132021	HSHW	Appraisers and Assessors of Real Estate	2.58	348	20.63	13.17	3	New
173011	HSHW	Architectural and Civil Drafters	1.58	429	19.22	13.74	3	
493021		Automotive Body and Related Repairers	1.81	392	16.75	9.47	3	
493023		Automotive Service Technicians and Mechanics	1.99	2,309	16.17	9.89	3	
472021		Brickmasons and Blockmasons	3.14	427	15.97	11.36	3	
493031		Bus and Truck Mechanics and Diesel Engine Specialists	1.70	569	16.44	11.77	3	
292031		Cardiovascular Technologists and Technicians	3.97	194	17.84	10.61	4	
472031		Carpenters	2.36	2,461	14.78	10.27	3	
472051		Cement Masons and Concrete Finishers	4.04	822	14.26	9.81	3	
351011		Chefs and Head Cooks	2.05	361	17.17	9.81	3	
131031	HSHW	Claims Adjusters, Examiners, and Investigators	2.20	547	22.32	14.43	3	
272022	HSHW	Coaches and Scouts	2.01	252	27.87	14.23	4	New
113021	HSHW	Computer and Information Systems Managers	3.56	481	46.23	28.20	4	
151021	HSHW	Computer Programmers	1.08	698	31.65	19.36	3	
151031	HSHW	Computer Software Engineers, Applications	3.66	727	36.73	24.44	3	
151032	HSHW	Computer Software Engineers, Systems Software	3.91	755	35.64	23.66	4	New
151099	HSHW	Computer Specialists, All Other	4.05	305	28.25	12.03	3	
151041	HSHW	Computer Support Specialists	2.82	1,174	18.30	11.68	3	
151051	HSHW	Computer Systems Analysts	3.60	1,173	29.61	19.15	4	
474011	HSHW	Construction and Building Inspectors	2.18	269	20.97	15.06	3	
119021	HSHW	Construction Managers	2.35	1,192	38.10	21.29	4	
333012		Correctional Officers and Jailers	1.91	1,304	16.44	13.72	3	
131051	HSHW	Cost Estimators	2.89	677	23.43	14.84	4	New
151061	HSHW	Database Administrators	4.18	267	25.95	14.98	4	
319091		Dental Assistants	3.55	910	12.77	9.94	3	
292021	HSHW	Dental Hygienists	3.63	370	32.41	15.91	4	
333021	HSHW	Detectives and Criminal Investigators	2.20	324	25.42	17.51	3	
292032	HSHW	Diagnostic Medical Sonographers	2.88	158	21.95	16.06	4	
472081		Drywall and Ceiling Tile Installers	3.89	412	14.38	10.43	3	
173023	HSHW	Electrical and Electronic Engineering Technicians	1.30	365	20.86	14.31	4	
472111		Electricians	3.08	1,806	16.09	11.54	3	
292041		Emergency Medical Technicians and Paramedics	2.76	347	13.13	9.31	3	
192041	HSHW	Environmental Scientists & Specialists, Including Health	2.26	220	22.61	15.49	4	
436011		Executive Secretaries and Administrative Assistants	1.32	3,184	16.41	11.85	3	
132051	HSHW	Financial Analysts	2.56	307	28.64	16.21	4	
113031	HSHW	Financial Managers	2.34	833	41.40	24.20	4	New
332011		Fire Fighters	2.36	1,101	18.72	10.68	3	
331021	HSHW	First-Line Superv. of Fire Fighting and Prevention Workers	2.23	219	28.40	19.38	3	

2005-06 Florida Statewide Targeted Occupations List (TOL)

Sorted by Occupational Title

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- 4 High Skill/High Wage (HSHW) Occupations:
Mean Wage of \$17.35/hour and Entry Wage of \$11.06/hour

SOC Code	HSHW	SOC Title	Based on				Current Training Code*	New to 2005-06 TOL
			2012 Projections	Annual Percent Growth	Annual Openings	2004 Hourly Wage Mean Entry		
351012		First-Line Superv. of Food Preparation & Serving Workers	2.05	1,765	13.86	9.29	3	New
371012		First-Line Superv. of Landscaping and Groundskeeping	2.29	382	17.08	11.28	3	New
531031	HSHW	First-Line Superv. of Material-Moving Vehicle Operators	1.33	398	24.10	14.39	3	New
491011	HSHW	First-Line Superv. of Mechanics, Installers, and Repairers	1.99	1,000	24.89	16.26	3	
431011	HSHW	First-Line Superv. of Office and Admin. Support Workers	1.10	2,502	20.22	13.00	4	
511011	HSHW	First-Line Superv. of Production and Operating Workers	1.32	850	22.71	14.06	3	New
411012	HSHW	First-Line Supervisors of Non-Retail Sales Workers	1.40	1,229	32.36	16.22	3	New
391021		First-Line Supervisors of Personal Service Workers	0.73	566	16.69	10.41	3	New
119051	HSHW	Food Service Managers	1.73	563	23.23	14.65	3	
111021	HSHW	General and Operations Managers	2.18	2,945	43.35	19.84	4	New
271024	HSHW	Graphic Designers	2.39	489	18.36	11.86	3	
499021		Heating, A.C., and Refrigeration Mechanics and Installers	3.76	1,165	15.89	11.27	3	
259031	HSHW	Instructional Coordinators	2.45	245	21.12	14.66	4	
413021	HSHW	Insurance Sales Agents	1.31	1,265	26.11	12.31	3	New
271025	HSHW	Interior Designers	2.93	292	23.42	13.51	3	
436012	HSHW	Legal Secretaries	2.33	656	17.59	13.39	3	
292061		Licensed Practical and Licensed Vocational Nurses	2.54	2,187	16.62	13.28	3	
132072	HSHW	Loan Officers	2.69	565	27.82	14.13	4	New
514041		Machinists	1.71	378	14.97	10.45	3	
499042		Maintenance and Repair Workers, General	2.20	3,029	13.48	9.00	3	New
112021	HSHW	Marketing Managers	2.42	343	41.42	21.75	4	
292012		Medical and Clinical Laboratory Technicians	2.43	364	15.03	10.27	4	
292011	HSHW	Medical and Clinical Laboratory Technologists	2.46	439	20.89	16.75	4	
119111	HSHW	Medical and Health Services Managers	3.39	480	38.09	22.28	3	
319092		Medical Assistants	5.29	1,983	11.60	9.35	3	
436013		Medical Secretaries	1.75	802	12.48	9.71	3	
319094		Medical Transcriptionists	3.20	270	14.19	10.27	3	
151071	HSHW	Network and Computer Systems Administrators	3.34	627	27.37	18.73	3	
151081	HSHW	Network Systems and Data Communications Analysts	4.94	957	28.23	18.35	3	
472073		Operating Engineers/Construction Equipment Operators	2.24	1,031	14.68	10.68	3	
472141		Painters, Construction and Maintenance	2.51	1,145	13.30	9.74	3	
232011	HSHW	Paralegals and Legal Assistants	3.42	754	20.01	14.37	3	
312021	HSHW	Physical Therapist Assistants	4.21	202	18.99	14.17	4	
291071	HSHW	Physician Assistants	4.49	183	31.44	17.09	4	
472161		Plasterers and Stucco Masons	3.01	314	15.72	10.97	3	
472152		Plumbers, Pipefitters, and Steamfitters	2.55	1,289	16.52	11.47	3	
333051	HSHW	Police and Sheriff's Patrol Officers	2.70	2,018	21.14	14.90	3	
272012	HSHW	Producers and Directors	2.31	184	29.16	14.93	4	
119141	HSHW	Property, Real Estate & Community Association Managers	1.58	678	22.90	11.76	4	
273031	HSHW	Public Relations Specialists	4.07	823	21.45	12.60	4	New

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Mean Wage of \$17.35/hour and Entry Wage of \$11.06/hour

SOC Code	HSHW	SOC Title	Based on 2012 Projections				Current Training Code*	New to 2005-06 TOL
			Annual Percent Growth	Annual Openings	2004 Hourly Wage			
					Mean	Entry		
131023	HSHW	Purchasing Agents, Except Farm Products & Trade	1.64	504	21.60	14.36	4	New
292034	HSHW	Radiologic Technologists and Technicians	2.80	525	19.95	14.97	4	
419022		Real Estate Sales Agents	0.81	805	19.70	9.23	3	New
291111	HSHW	Registered Nurses	3.14	7,158	24.35	18.92	4	
291126	HSHW	Respiratory Therapists	4.03	427	19.43	15.92	4	
472181		Roofers	3.06	752	13.79	9.63	3	
112022	HSHW	Sales Managers	3.35	729	45.64	22.43	4	New
414011	HSHW	Sales Reps., Wholesale & Mfg, Tech. & Sci. Products	2.34	1,161	29.72	14.42	3	New
413031	HSHW	Securities, and Financial Services Sales Agents	2.28	699	37.82	14.61	4	New
492098		Security and Fire Alarm Systems Installers	3.22	241	16.15	11.33	3	
472211		Sheet Metal Workers	2.48	540	15.02	10.23	3	
472221	HSHW	Structural Iron and Steel Workers	2.78	178	17.97	12.54	3	
292055		Surgical Technologists	3.41	203	15.69	12.12	3	
173031		Surveying and Mapping Technicians	3.75	577	13.79	9.25	3	
499052		Telecommunications Line Installers and Repairers	2.40	511	16.66	11.24	3	
472044		Tile and Marble Setters	4.31	312	15.22	9.29	3	
113071	HSHW	Transportation, Storage, and Distribution Managers	2.01	162	37.31	22.53	3	
533032		Truck Drivers, Heavy and Tractor-Trailer	2.12	2,982	15.13	10.05	3	
251194	HSHW	Vocational Education Teachers, Postsecondary	3.70	332	20.67	13.11	3	
514121		Welders, Cutters, Solderers, and Brazers	2.54	825	13.94	9.94	3	

*Florida DOE determined training codes revised fall 2004

Occupations Added to 2005-06 Statewide TOL

Occupations Added to 2005-06 Statewide TOL

Sorted by Occupational Title

Workforce Estimating Conference 2004-05 Selection Criteria:

- 1 FLDOE Adjusted Training Codes 6 (associate's degree) and 7 (vocational training)
- 2 50 annual openings and a projected annual growth rate above the average growth rate for all occupations (1.96%) or 100 annual openings with any positive growth
- 3 Mean Wage of \$10.74/hour and Entry Wage of \$9.00/hour
- 4 High Skill/High Wage (HSHW) Occupations:
Mean Wage of \$16.85/hour and Entry Wage of \$10.74/hour

Workforce Estimating Conference 2005-06 Selection Criteria:

- 1 FLDOE Training Codes 3 (PSAV and 4 (Community College Credit/Degree)
- 2 150 annual openings and a projected annual growth rate above the average growth rate for all occupations (1.99%) or 360 annual openings with any positive growth
- 3 Mean Wage of \$11.06/hour and Entry Wage of \$9.00/hour
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Mean Wage of \$17.35/hour and Entry Wage of \$11.06/hour

SOC Code	SOC Title	Based on 2011 Projections				Based on 2012 Projections				Training Code*	Previously Excluded by WEC	Meets 2005-06 Due to Change in:			
		Annual		2003 Hourly Wage		Annual		2004 Hourly Wage				Growth	Openings	Entry Wage	Training
		Percent Growth	Annual Openings	Mean	Entry	Percent Growth	Annual Openings	Mean	Entry						
413011	Advertising Sales Agents	2.83	505	22.75	10.79	1.82	350	23.32	11.10	7	X				
132021	Appraisers and Assessors of Real Estate	2.49	202	22.67	13.18	2.58	348	20.63	13.17	5					X
272022	Coaches and Scouts	1.76	203	28.23	14.16	2.01	252	27.87	14.23	8					X
151032	Computer Software Engineers, Systems Software	4.77	575	35.09	23.89	3.91	755	35.64	23.66	5					X
131051	Cost Estimators	2.03	478	22.61	14.43	2.89	677	23.43	14.84	5					X
113031	Financial Managers	2.48	1,054	39.12	22.05	2.34	833	41.40	24.20	6	X				
351012	First-Line Superv. of Food Preparation & Serving Workers	1.31	1,750	13.39	8.91	2.05	1,765	13.86	9.29	7			X		
371012	First-Line Superv. of Landscaping and Groundskeeping	0.93	217	16.48	10.52	2.29	382	17.08	11.28	7	X				
531031	First-Line Superv. of Material-Moving Vehicle Operators	2.03	416	21.59	13.28	1.33	398	24.10	14.39	8					X
511011	First-Line Superv. of Production and Operating Workers	0.53	885	21.16	13.20	1.32	850	22.71	14.06	8					X
411012	First-Line Supervisors of Non-Retail Sales Workers	1.28	899	28.52	14.39	1.40	1,229	32.36	16.22	8					X
391021	First-Line Supervisors of Personal Service Workers	1.79	592	15.54	9.74	0.73	566	16.69	10.41	8					X
111021	General and Operations Managers	1.75	3,528	39.34	17.58	2.18	2,945	43.35	19.84	6	X				
413021	Insurance Sales Agents	0.59	1,313	24.09	10.87	1.31	1,265	26.11	12.31	7	X				
132072	Loan Officers	1.90	489	25.29	12.76	2.69	565	27.82	14.13	5					X
499042	Maintenance and Repair Workers, General	0.95	1,626	12.86	8.66	2.20	3,029	13.48	9.00	7			X		
273031	Public Relations Specialists	3.57	573	19.10	12.29	4.07	823	21.45	12.60	6	X				
131023	Purchasing Agents, Except Farm Products & Trade	1.59	396	21.15	14.04	1.64	504	21.60	14.36	5					X
419022	Real Estate Sales Agents	1.20	1,032	20.21	9.27	0.81	805	19.70	9.23	7	X				
112022	Sales Managers	3.60	891	41.21	20.21	3.35	729	45.64	22.43	6	X				
414011	Sales Reps., Wholesale & Mfg, Tech. & Sci. Products	1.62	927	28.13	13.67	2.34	1,161	29.72	14.42	8					X
413031	Securities, and Financial Services Sales Agents	2.81	1,028	41.72	15.40	2.28	699	37.82	14.61	5					X
Total Added to 2005-06 Listed by Reason											8		2	12	

*Training Codes used at last conference:

5 = Bachelor's

6 = Associate's

7 = Post-secondary vocational

8 = Work experience in related occupation

2004-05 Occupations Dropped Off
2005-06 Statewide TOL

2004-05 Occupations Dropped Off 2005-06 Statewide TOL

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SOC Code	SOC Title	Based on 2012 Projections				Current Training Code*	Fails to Meet 2005-06 Criteria for:				Appears on At Least One Regional List
		Annual Percent Growth	Annual Openings	2004 Hourly Wage			Growth	Openings	Entry Wage	Training	
		Mean	Entry								
112011	Advertising and Promotions Managers	2.40	115	33.81	17.61	4			X		No
532021	Air Traffic Controllers	0.91	75	44.56	25.41	3			X		No
493011	Aircraft Mechanics and Service Technicians	0.78	302	20.73	15.02	3	X				Yes
532011	Airline Pilots, Copilots, and Flight Engineers	0.90	158	65.10	22.64	4	X				Yes
271011	Art Directors	1.36	56	32.05	19.97	5		X		X	No
433031	Bookkeeping, Accounting, and Auditing Clerks	0.93	3,665	13.31	9.34	2				X	No
132031	Budget Analysts	1.53	84	24.81	17.96	5			X	X	No
535021	Captains, Mates, and Pilots of Water Vessels	2.20	122	24.76	13.34	3		X			Yes
173022	Civil Engineering Technicians	1.44	214	19.21	13.37	4	X				No
131041	Compliance Officers, Exc. Safety, Agri, Constr & Transp.	0.87	273	21.64	13.93	3	X				Yes
492011	Computer, ATM, and Office Machine Repairers	1.44	261	15.98	10.74	3	X				Yes
514011	Computer-Controlled Machine Tool Operators, M & P	1.09	55	14.10	10.11	3		X			Yes
219099	Counselors, Social, and Religious Workers, All Other	2.64	620	17.59	11.86	5				X	No
537021	Crane and Tower Operators	2.71	124	18.90	12.52	1		X		X	No
132041	Credit Analysts	2.47	143	27.79	16.29	4		X			Yes
434051	Customer Service Representatives	2.87	6,000	12.92	9.08	2				X	No
519081	Dental Laboratory Technicians	1.85	176	17.12	10.63	3	X				Yes
439031	Desktop Publishers	2.74	81	14.46	10.08	3		X			No
291031	Dietitians and Nutritionists	1.87	110	20.41	13.78	5		X		X	No
173099	Drafters, Engineering, & Mapping Technicians, All Other	1.00	177	21.43	14.70	3	X				Yes
119031	Education Administrators, Preschool and Child Care	2.95	144	19.09	12.45	3		X			No
173012	Electrical and Electronics Drafters	0.35	43	19.44	13.90	3			X		No
499051	Electrical Power-Line Installers and Repairers	0.64	247	21.39	15.07	3	X				Yes
492099	Electronic Equipment Installers and Repairers, All Other	2.23	17	16.77	10.10	3		X			No
492094	Electronics Repairers, Commercial and Industrial Equip.	1.55	193	18.36	12.33	3	X				Yes
474021	Elevator Installers and Repairers	2.30	59	23.49	14.66	3		X			No
173025	Environmental Engineering Technicians	4.15	57	16.70	11.88	4		X			No
194091	Environmental Science Technicians, Including Health	3.99	138	16.25	11.26	4		X			No
537032	Excavating and Loading Machine and Dragline Operators	2.23	256	13.58	10.31	1				X	No

2004-05 Occupations Dropped Off 2005-06 Statewide TOL

Sorted by Occupational Title

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- 2 150 annual openings and a projected annual growth rate above the average growth rate for all occupations (1.99%) or 360 annual openings with any positive growth
- 3 Mean Wage of \$11.06/hour and Entry Wage of \$9.00/hour
- 4 High Skill/High Wage (HSHW) Occupations:
Mean Wage of \$17.35/hour and Entry Wage of \$11.06/hour

SOC Code	SOC Title	Based on 2012 Projections				Current Training Code*	Fails to Meet 2005-06 Criteria for:				Appears on At Least One Regional List
		Annual Growth	Annual Openings	2004 Hourly Wage			Growth	Openings	Entry Wage	Training	
				Mean	Entry						
471011	First-Line Superv. of Construction and Extraction Workers	2.57	1,998	23.65	15.84	2				X	No
331011	First-Line Supervisors of Correctional Officers	1.49	93	24.12	18.05	3				X	Yes
331012	First-Line Supervisors of Police and Detectives	1.74	250	30.78	20.99	4	X				Yes
396031	Flight Attendants	0.95	136	26.72	15.22	2				X	No
474041	Hazardous Materials Removal Workers	3.15	31	13.82	9.42	3				X	No
499041	Industrial Machinery Mechanics	1.52	195	17.05	12.18	3	X				Yes
113051	Industrial Production Managers	0.96	128	36.10	22.30	4				X	No
254031	Library Technicians	1.87	205	12.26	9.26	2	X			X	No
534011	Locomotive Engineers	0.14	19	19.20	14.78	2				X	No
499043	Maintenance Workers, Machinery	1.40	215	16.39	11.37	3	X				Yes
274099	Media & Communications Equipment Workers, All Other	1.93	35	20.63	10.07	3				X	No
519082	Medical Appliance Technicians	2.98	22	14.08	11.46	3				X	No
499062	Medical Equipment Repairers	2.18	113	18.71	11.18	3				X	Yes
211023	Mental Health and Substance Abuse Social Workers	3.65	316	15.92	11.28	6				X	No
493042	Mobile Heavy Equipment Mechanics, Except Engines	1.61	196	16.77	12.24	3	X				Yes
493051	Motorboat Mechanics	2.91	136	15.64	10.71	3				X	No
271014	Multi-Media Artists and Animators	1.27	108	22.97	15.71	3				X	Yes
273020	News Analysts, Reporters and Correspondents	1.50	132	23.92	11.08	4				X	No
292033	Nuclear Medicine Technologists	2.85	52	27.60	21.36	4				X	No
312011	Occupational Therapist Assistants	4.01	54	20.43	16.73	4				X	No
292081	Opticians, Dispensing	1.91	132	15.81	10.85	3				X	Yes
132052	Personal Financial Advisors	4.34	658	40.47	15.08	5				X	No
435031	Police, Fire, and Ambulance Dispatchers	1.52	228	14.53	10.97	3	X				Yes
435051	Postal Service Clerks	1.07	153	20.07	19.09	2	X			X	No
211092	Probation Officers and Correctional Treatment Specialists	1.14	177	17.00	13.67	3	X				No
339099	Protective Service Workers, All Other	1.05	1,701	12.25	8.31	1				X	Yes
112031	Public Relations Managers	2.64	110	36.73	20.33	4				X	No
292054	Respiratory Therapy Technicians	4.07	88	17.74	14.94	4				X	No
512041	Structural Metal Fabricators and Fitters	1.18	123	13.37	9.68	3				X	Yes

2004-05 Occupations Dropped Off 2005-06 Statewide TOL

Sorted by Occupational Title

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SOC Code	SOC Title	Based on 2012 Projections				Current Training Code*	Fails to Meet 2005-06 Criteria for:				Appears on At Least One Regional List
		Annual Percent Growth	Annual Openings	2004 Hourly Wage Mean Entry			Growth	Openings	Entry Wage	Training	
273042	Technical Writers	2.23	107	22.55	15.06	4		X			No
492022	Telecommunications Equipment Installers and Repairers	0.65	237	20.34	14.28	3	X				Yes
493099	Vehicle & Mobile Equip. Installers & Repairers, All Other	1.45	13	15.97	8.68	3		X		X	No
518031	Water and Liquid Waste Treatment Plant Operators	1.70	258	17.53	12.38	3	X				Yes
Total Dropped Off 2005-06 Listed by Reason							19	35	2	16	

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2004-05 Occupations Dropped Off 2005-06
Statewide and Regional Lists

2004-05 Occupations Dropped Off 2005-06 Statewide and Regional Lists

Sorted by Occupational Title

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		2012 Projections				Current Training Code*	Fails to Meet 2005-06 Criteria for:					
		Annual Percent Growth	Annual Openings	2004 Hourly Mean	2004 Hourly Entry		Growth	Openings	Entry Wage	Training		
112011	Advertising and Promotions Managers	2.40	115	33.81	17.61	4					X	No
532021	Air Traffic Controllers	0.91	75	44.56	25.41	3					X	No
271011	Art Directors	1.36	56	32.05	19.97	5					X	No
433031	Bookkeeping, Accounting, and Auditing Clerks	0.93	3,665	13.31	9.34	2					X	No
132031	Budget Analysts	1.53	84	24.81	17.96	5					X	No
173022	Civil Engineering Technicians	1.44	214	19.21	13.37	4	X					No
219099	Counselors, Social, and Religious Workers, All Other	2.64	620	17.59	11.86	5					X	No
537021	Crane and Tower Operators	2.71	124	18.90	12.52	1					X	No
434051	Customer Service Representatives	2.87	6,000	12.92	9.08	2					X	No
439031	Desktop Publishers	2.74	81	14.46	10.08	3					X	No
291031	Dietitians and Nutritionists	1.87	110	20.41	13.78	5					X	No
119031	Education Administrators, Preschool and Child Care	2.95	144	19.09	12.45	3					X	No
173012	Electrical and Electronics Drafters	0.35	43	19.44	13.90	3					X	No
492099	Electronic Equipment Installers and Repairers, All Other	2.23	17	16.77	10.10	3					X	No
474021	Elevator Installers and Repairers	2.30	59	23.49	14.66	3					X	No
173025	Environmental Engineering Technicians	4.15	57	16.70	11.88	4					X	No
194091	Environmental Science Technicians, Including Health	3.99	138	16.25	11.26	4					X	No
537032	Excavating and Loading Machine and Dragline Operators	2.23	256	13.58	10.31	1					X	No
471011	First-Line Superv. of Construction and Extraction Workers	2.57	1,998	23.65	15.84	2					X	No
396031	Flight Attendants	0.95	136	26.72	15.22	2					X	No
474041	Hazardous Materials Removal Workers	3.15	31	13.82	9.42	3					X	No
113051	Industrial Production Managers	0.96	128	36.10	22.30	4					X	No
254031	Library Technicians	1.87	205	12.26	9.26	2	X					No
534011	Locomotive Engineers	0.14	19	19.20	14.78	2					X	No
274099	Media & Communications Equipment Workers, All Other	1.93	35	20.63	10.07	3					X	No
519082	Medical Appliance Technicians	2.98	22	14.08	11.46	3					X	No
211023	Mental Health and Substance Abuse Social Workers	3.65	316	15.92	11.28	6					X	No
493051	Motorboat Mechanics	2.91	136	15.64	10.71	3					X	No
273020	News Analysts, Reporters and Correspondents	1.50	132	23.92	11.08	4					X	No
292033	Nuclear Medicine Technologists	2.85	52	27.60	21.36	4					X	No
312011	Occupational Therapist Assistants	4.01	54	20.43	16.73	4					X	No
132052	Personal Financial Advisors	4.34	658	40.47	15.08	5					X	No
435051	Postal Service Clerks	1.07	153	20.07	19.09	2	X				X	No

2004-05 Occupations Dropped Off 2005-06 Statewide and Regional Lists

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211092	Probation Officers and Correctional Treatment Specialists	1.14	177	17.00	13.67	3	X				No
112031	Public Relations Managers	2.64	110	36.73	20.33	4		X			No
292054	Respiratory Therapy Technicians	4.07	88	17.74	14.94	4		X			No
273042	Technical Writers	2.23	107	22.55	15.06	4		X			No
493099	Vehicle & Mobile Equip. Installers & Repairers, All Other	1.45	13	15.97	8.68	3		X		X	No

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Occupational Education Requirement Categories

As defined by the Florida Department of Education

Less than a High School Diploma – (1) Occupations in which workers can receive the training they need on the job and are not required to have earned a High School Diploma or GED.

High School Diploma or GED – (2) Occupations that generally require a High School Diploma or GED for employment

Post Secondary Adult Vocational Certificate – (3) Occupations that generally require completion of Career and Technical training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires an examination after completion of the training.

College Credit Certificate, Applied Technology Diploma, Associate of Applied Science, Associate Degree's – (4) Occupations that generally require the completion of a college credit credential. College Credit Certificate and Applied Technology Diploma's are specialized college credit credentials that vary in length. Associate of Applied Science and Associate Degree's generally require at least 2 years of full-time equivalent academic work.

Bachelor's Degree – (5) Occupations that generally require a Bachelor's Degree. Completion of the degree program generally requires at least 4 years, but not more than 5 years, of full-time equivalent academic work.

Master's Degree or Higher – (6) Occupations that generally require a master's, doctoral, or first professional degree. Completion of one of these degree programs usually requires from 1 or 6 years of full-time equivalent academic work beyond the bachelor's degree.

Occupational Education and Training Requirement Categories

As defined by the U.S. Bureau of Labor Statistics

1—First professional degree. *These are occupations that require a professional degree.* Completion of the academic program usually requires at least 6 years of full-time equivalent academic work, including college study prior to entering the professional degree program.

2—Doctoral degree. *These are occupations that generally require a Ph.D. or other degree.* Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

3—Master's degree. *These are jobs that generally require a master's degree.* Completion of the degree program usually requires 1 or 2 years of full-time equivalent work beyond the bachelor's degree.

4—Work experience, plus a bachelor's degree or higher. *These are occupations that generally require work experience in an occupation requiring a bachelor's or higher degree.* Most occupations in this category are managerial occupations that require experience in a related non-managerial position.

5—Bachelor's degree. *These are jobs that generally require a bachelor's degree.* Completion of the degree program generally requires at least 4 years, but not more than 5 years, of full-time equivalent academic work.

6—Associate's degree. *These are occupations that generally require an associate's degree.* Completion of the degree program generally requires at least 2 years of full-time equivalent academic work.

7—Post-secondary vocational training. *These are jobs that generally require completion of vocational school training.* Some programs last only a few weeks while others may last up to two years. In some occupations, a license is needed that requires passing an examination after completion of the training.

8—Work experience in a related occupation. *These are jobs that generally require skills obtained through work experience in an occupation.* Some occupations requiring work experience are supervisory or managerial occupations.

9—Long-term on-the-job training. *These are jobs that generally require more than 12 months of on-the-job training or experience and formal classroom instruction for workers to develop the skills needed for average job performance.* This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers successfully complete. Individuals undergoing training are considered "employed" in the occupation. This category includes occupations in which workers may gain experience through non-work activities.

10—Moderate-term on-the-job training. *These are occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.*

11—Short-term on-the-job training. *These are occupations in which workers generally can develop the skills needed for average job performance after a short demonstration or up to 1 month of on-the-job experience and instruction.*