

GULF COAST WORKFORCE REGION

High-Skill, High-Growth Jobs Recognized by the Gulf Coast Workforce Board¹

SOC	Occupational Title	New Career Training = * ⁸ Career Advancement Training = \$	Typical Education Needed	Typical On-the-job Training	Employment Growth				Annual Average Job Openings			Median Hrly Wage
					Annual Averages		Net	Percent	Growth	Replacement	Total	2015
					2014	2024	Change	Change				
Professional, Business, & Technical Services												
13-2011	Accountants & Auditors ²	*/\$	Bachelor's	None	39,640	48,220	8,580	21.6%	860	1,060	1,920	\$36.89
15-1121	Computer Systems Analysts	*/\$	Bachelor's	None	18,010	22,990	4,980	27.7%	500	230	730	\$44.67
17-2XXX	Engineers, Aerospace, Elec., Mech., Environ., All Other ^{2,3}	*/\$	Bachelor's	None	22,430	26,660	4,230	18.9%	420	595	1,015	\$50.02
17-3023	Electrical and Electronics Engineering Technicians ²	*/\$	Associate's	None	5,400	6,200	800	14.8%	80	130	210	\$28.89
43-9041	Insurance Claims & Policy Processing Clerks	Not Eligible	High school	Less than 12 months	4,950	6,220	1,270	25.7%	130	125	255	\$18.60
41-3021	Insurance Sales Agents	Not Eligible	High school	Less than 12 months	9,130	11,490	2,360	25.8%	235	240	475	\$21.89
23-1011	Lawyers	Not Eligible	Doctoral or prof.	None	15,710	19,230	3,520	22.4%	350	230	580	\$69.50
13-1161	Market Research Analysts & Marketing Specialists	Not Eligible	Bachelor's	None	7,050	9,310	2,260	32.1%	225	85	310	\$29.57
15-1142	Network and Computer Systems Administrators ²	*/\$	Bachelor's	None	8,660	10,150	1,490	17.2%	150	110	260	\$42.52
23-2011	Paralegals & Legal Assistants	*/\$	Associate's	None	5,700	7,260	1,560	27.4%	155	125	280	\$25.87
13-2052	Personal Financial Advisors	Not Eligible	Bachelor's	12 months or more	4,190	5,650	1,460	34.8%	145	105	250	\$34.43
15-1132	Software Developers, Applications	*/\$	Bachelor's	None	11,590	14,280	2,690	23.2%	270	165	435	\$48.54
15-1133	Software Developers, Systems Software ²	*/\$	Bachelor's	None	8,470	10,090	1,620	19.1%	160	120	280	\$50.54
Construction												
17-2051	Civil Engineers	*/\$	Bachelor's	None	11,070	14,000	2,930	26.5%	295	325	620	\$49.41
13-1051	Cost Estimators	*/\$	Bachelor's	None	4,940	6,180	1,240	25.1%	125	140	265	\$32.05
47-2111	Electricians	*/\$	High school	Apprenticeship	18,450	24,130	5,680	30.8%	570	280	850	\$22.13
49-9021	Heating, AC, & Refrigeration Mechanics & Installers	*/\$	Postsecondary non-degree	12 months or more	5,750	7,670	1,920	33.4%	195	90	285	\$21.46
47-2073	Operating Eng. & Other Construction Equipment Operators	*/\$	High school	Less than 12 months	10,380	12,740	2,360	22.7%	235	175	410	\$18.57
47-2152	Plumbers, Pipefitters, & Steamfitters	*/\$	High school	Apprenticeship	13,570	17,390	3,820	28.2%	380	180	560	\$23.60
51-4121	Welders, Cutters, Solderers, and Brazers ³	*/\$	High school	Less than 12 months	18,800	21,630	2,830	15.1%	285	540	825	\$20.91
Education⁶												
25-2032	Career & Technical Ed. Teachers, Secondary School ^{3,4,5}	*/\$	Bachelor's	Internship/Residency	1,550	1,870	320	20.6%	30	35	65	\$38.99
21-1012	Educational, Guidance, School, & Vocational Counselors	*/\$	Master's	None	4,690	5,950	1,260	26.9%	125	100	225	\$28.33
25-20XX	Kinder., Elem., Middle, Secondary Teachers, Ex. Special Ed. ^{2,3,4}	*/\$	Bachelor's	Internship/Residency	77,120	97,930	20,810	27.0%	2,080	1,770	3,850	\$36.52
25-2011	Preschool Teachers, Ex. Special Ed. ³	Not Eligible	Associate's	None	8,470	10,470	2,000	23.6%	200	250	450	\$11.50
25-205X	Special Ed. Teachers, Preschool thru High School ^{2,3,4}	*/\$	Bachelor's	Internship/Residency	5,630	7,150	1,520	27.0%	145	105	250	\$38.24

Healthcare												
17-2031	Biomedical Engineers ³	*/\$	Bachelor's	None	280	380	100	35.7%	10	5	15	\$37.80
29-2061	Licensed Practical & Licensed Vocational Nurses	*/\$	Postsecondary non-degree	None	13,280	17,620	4,340	32.7%	435	380	815	\$22.63
29-2011	Medical & Clinical Laboratory Technologists ²	*/\$	Bachelor's	None	3,240	4,250	1,010	31.2%	100	75	175	\$29.30
29-2071	Medical Records & Health Information Technicians ²	Not Eligible	Postsecondary non-degree	None	3,960	5,220	1,260	31.8%	125	90	215	\$18.47
29-1122	Occupational Therapists ³	*/\$	Master's	None	1,590	2,130	540	34.0%	55	30	85	\$40.45
29-1123	Physical Therapists ²	*/\$	Doctoral or prof.	None	2,390	3,190	800	33.5%	80	65	145	\$42.77
29-10XX	Physicians incl. Dentists ^{2,3}	Not Eligible	Doctoral or prof.	Internship/Residency	16,000	21,160	5,160	32.3%	525	420	945	\$80.34
29-2034	Radiologic Technologists & Technicians ²	*/\$	Associate's	None	3,850	4,890	1,040	27.0%	105	75	180	\$27.54
29-1141	Registered Nurses	*/\$	Bachelor's	None	46,340	61,920	15,580	33.6%	1,560	1,095	2,655	\$36.73
29-1126	Respiratory Therapists ²	*/\$	Associate's	None	2,330	3,070	740	31.8%	75	55	130	\$27.64
29-1127	Speech-Language Pathologists ³	*/\$	Master's	None	2,690	3,610	920	34.2%	90	70	160	\$35.95
Oil & Gas and Related Manufacturing												
51-8091	Chemical Plant and System Operators ³	*/\$	High school	12 months or more	3,370	4,000	630	18.7%	60	125	185	\$33.14
17-2XXX	Engineers, Chem., Industrial, Materials, Marine, and Petrol. ^{2,3}	*/\$	Bachelor's	None	22,000	24,410	2,410	11.0%	240	610	850	\$62.57
19-2042	Geoscientists, Ex. Hydrologists & Geographers ²	*/\$	Bachelor's	None	6,150	6,740	590	9.6%	60	190	250	\$66.66
17-2111	Health & Safety Eng., Ex. Mining Safety Eng. & Inspectors ³	*/\$	Bachelor's	None	1,500	1,780	280	18.7%	25	45	70	\$49.65
49-9041	Industrial Machinery Mechanics	*/\$	High school	12 months or more	11,270	14,370	3,100	27.5%	310	290	600	\$24.66
51-4041	Machinists ³	*/\$	High school	12 months or more	13,620	13,720	100	0.7%	10	395	405	\$19.81
51-8093	Petroleum Pump System Ops., Refinery Ops., & Gaugers ³	*/\$	High school	12 months or more	4,310	4,850	540	12.5%	55	165	220	\$32.85

Transportation												
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	*/\$	High school	12 months or more	6,780	8,720	1,940	28.6%	195	115	310	\$21.96
53-2031	Flight Attendants ⁵	Not Eligible	High school	Less than 12 months	6,360	8,110	1,750	27.5%	175	115	290	\$24.73
53-3032	Heavy & Tractor-Trailer Truck Drivers	Not Eligible	Postsecondary non-degree	Less than 1 month	42,360	52,100	9,740	23.0%	975	720	1,695	\$18.47
49-3042	Mobile Heavy Equipment Mechanics, Except Engines ³	*/\$	High school	12 months or more	4,680	5,720	1,040	22.2%	105	110	215	\$24.48
Watch List of Occupations⁷			-	-	11,940	10,450	-1,490	-12.5%	0	415	415	-
19-4041	Geological & Petroleum Technicians	Not Eligible	Associate's	Less than 12 months	3,380	3,280	-100	-3.0%	0	125	125	\$33.66
17-2151	Mining & Geological Eng., Inc. Mining Safety Eng.	Not Eligible	Bachelor's	None	700	630	-70	-10.0%	0	20	20	\$85.67
47-5013	Service Unit Operators, Oil, Gas, & Mining	Not Eligible	No formal credential	Less than 12 months	7,860	6,540	-1,320	-16.8%	0	270	270	\$21.48

Notes

1. High-skill jobs recognized by the Gulf Coast Workforce Board are those that offer the best employment opportunities for Gulf Coast residents now and in the immediate future.

Criteria used to identify these occupations are:

- Projected employment for 2024 equal to or greater than the average for all occupations in the region. ($\geq 5,633$)
- Projected growth rate equal to or greater than the average of all occupations in the region. ($\geq 22.4\%$)
- Minimum education requirements of a postsecondary degree or certificate, moderate on-the-job training, long-term on-the-job training, or work experience in a related occupation.
- Median hourly wages equal to or greater than the median for all occupations in the region. ($\geq \$18.06$)

2. Occupations from the prior year list meeting three of the four qualifying criteria and projected to have at least 50 percent of their 2024 employment in those industries targeted by the Gulf Coast Workforce Board have been retained.

3. Other occupations meeting some but not all of the above criteria have also been included based on the best regional labor market intelligence available. Employers can petition to have other occupations added or deleted as labor market conditions change.

4. Wages are based on a 9 month year. Wages for 25-2011 Preschool Teachers, Ex. Special Education are based on the standard 2,080 hours worked per year.

5. Requires work experience of less than 5 years in a related occupation as part of typical entry requirements.

6. Teachers must be seeking one of the following:

- Middle school and secondary school teacher certification with a major or minor in math or science.
- Middle school and secondary Career/Technical Education Teachers.
- Middle school or secondary school with teacher certification in Bilingual/ESL or Elementary Teacher Certification with a Bilingual Endorsement. The following certifications would apply: PK-6 Bilingual/ESL, PK-12 Bilingual/ESL, or Bilingual Generalist EC-4 or EC-6. EC-6 or EC-4 Generalist certifications must have a Bilingual Endorsement included in the training outcome.
- Special Education Teachers (Preschool, Kindergarten, Elementary, Middle School, and High School).

7. Occupations included on the previous High-Skill High-Growth List that are projected decline over 2014 to 2024. As a result of their continued importance to the regional economy, these occupations will be reviewed periodically for possible reinstatement of scholarship eligibility, at which time career office staff will be notified of any changes.

8. For educational programs that award a bachelor's degree or higher, Workforce Solutions will only award scholarships to help finance the last two years of the program of study. We will award scholarships to help finance all years in an Associate Degree in Nursing (ADN) program.

Authorized for use by the Gulf Coast Workforce Board on June 3, 2017.