

2009 InterLink Targeted High Skill/High Wage Occupations for the Sixteen County, North Central Texas Region

Identified by Regional Employers for Long Term Growth ~ Organized by Achieve Texas Career Clusters

State criteria for selection which meets Perkins IV Requirements: 1) Regional median entry level hourly wage \$13.92 minimum;

2) Regional growth of 20.5%; 3) Meets high skill requirements: a) requires licensure; b) requires apprenticeship, or c) are identified by the Texas Skills Standards Board.

Education time is the minimum required for entry level to the highest expected degree or education

Wages listed are regional entry level hourly & regional median entry level hourly



* Indicates very high regional employer demand but may not meet all of the above criteria ~ **Indicates potential for offshore outsourcing

Note: The absence of an occupation from this list does not necessarily indicate that it will not offer good job opportunities.

| | | | |
|--|---|---|---|
| Career Veterinary Technicians & Technologists | Education and Wages OJT-2 yrs. \$11.61/13.93 | | |
| <u>Agriculture, Food & Natural Products</u> | | | |
| <u>Architecture & Construction Careers</u> | | | |
| Career Architects Carpenters Computer Aided Design Electricians Heating/A.C. Technicians | Education and Wages 4 yrs. - \$17.17/31.03 2-4 yrs. - \$11.01/14.44 2-4 yrs. - \$13.42/19.24 2-5 yrs. - \$14.31/18.43 1-5 yrs. - \$13.03/17.23 | Career Maintenance Repairers, General Operating Engineers & Other Heavy Equipment Operators Plumbers/Pipefitters *Welders/Cutters/Solderers/Brazers | Education and Wages OJT-4 yrs. - \$9.41/13.97 OJT-2 yrs. - \$11.52/14.40 OJT+5 yrs. - \$13.33/20.14 OJT-2 yrs. - \$10.50/13.48 |
| <u>Arts, Audio Video Technology & Communications Careers</u> | | | |
| Career **Multimedia Artists & Animators | Education and Wages 2-4 yrs. \$12.98/17.71 | | |
| <u>Business Management & Administration Careers</u> | | | |
| Career General & Operations Managers | Education and Wages 4-10 yrs. - \$25.05/43.77 | | |
| <u>Education & Training Careers</u> | | | |
| Career Teachers, Secondary (High School) Teachers, Special Education | Education and Wages 4-10 yrs. - \$43,990. 4-10 yrs - \$45,997. | Career Teachers, Elementary | Education and Wages 4-10 yrs. - \$42,623. |
| <u>Finance Careers</u> | | | |
| Career **Accountants & Auditors & Bookkeeper | Education and Wages 4-10 yrs. - \$18.41/27.29 | Career Financial Managers (includes Client Relationship & Project Managers) | Education and Wages 4-10 yrs. - \$31.54/48.73 |
| <u>Health Science Careers</u> | | | |
| Career Medical Clinical Lab Technicians/Technologists *Medical Records/Health Info. Techs . **Medical Transcriptionists Nurses – Licensed Practical/Vocational Nurses – Registered/BSN *Patient Care Technicians (& Nurse Asst/Aides) | Education and Wages 2-4 yrs. - \$19.70/23.54 2-4 yrs. - \$10.42/13.62 Cert.-2yrs - \$12.62/17.03 2 yrs. - \$18.88/19.12 2-4 yrs. - \$22.21/28.55 OJT - Certified - \$825/10.38 | Career Pharmacists *Pharmacy Technicians Physical Therapists Radiologic Technicians & Technologists Respiratory Therapist Technicians (Cert.) | Education and Wages 4-6 yrs. - \$42.30/53.11 2-4 yrs. - \$10.94/13.77 4-6 yrs. - \$27.40/36.27 2-4 yrs. - \$18.81/25.68 12-18 mo. - \$20.21/23.29 |
| <u>Hospitality & Culinary Careers</u> | | | |
| Career Chefs or Head Cooks | Education and Wages OJT-3 yrs - \$13.42/19.24 | Career Food Service Managers | Education and Wages 2-4 yrs. - \$17.50/23.97 |
| <u>Information Technology Careers</u> | | | |
| Career Computer Support Specialists | Education and Wages 4 yrs. \$12.99/20.43 | Career Computer Systems Analysts | Education and Wages 4 yrs. - \$23.66/36.91 |
| <u>Law, Public Safety, Corrections & Security Careers</u> | | | |
| Career Correctional Officers & Jailers Emergency Medical Techs. & Paramedics Fire Fighters | Education and Wages 3-6 mos. - \$12.80/15.72 Cert.-2 yrs. - \$10.54/14.11 2--4 yrs. - \$16.61/22.52 | Career **Paralegal/Legal Assistant Police/ Sheriffs Patrol Officers | Education and Wages 2-4 yrs. - \$16.28/22.33 1-4 yrs. - \$18.54/24.37 |
| <u>Manufacturing Careers</u> | | | |
| Career Mfg. Machinist Technician, includes Aircraft and Computer Numeric Control (CNC) | Education and Wages 1-2 yrs. \$9.50/13.93 | | |
| <u>Marketing, Sales & Service Careers</u> | | | |
| Career Advertising, Marketing, Sales Mgrs. | Education and Wages 4-10 yrs. - \$23.74/43.54 | | |
| <u>Science, Technology, Engineering & Mathematics Careers</u> | | | |
| Career Aerospace Engineers **Civil Engineers **Computer Systems Software Engineers **Computer Software Applications Engs. | Education and Wages 4-10 yrs. - \$44.39/45.33 4-10 yrs. - \$24.42/34.87 4-10 yrs. - \$29.26/30.19 4-10 yrs. - \$30.22/41.91 | Computer Systems Analysts Career **Electrical & Electronic Engineers Electrical & Electro. Engineering Techs. **Mechanical & Industrial Engineers | 4-10 yrs. - 23.66/36.91 Education and Wages 4-10 yrs. - \$40.38/41.15 2-4 yrs. - \$18.18/26.79 4-10 yrs. - \$27.00/38.39 |
| <u>Transportation, Distribution & Logistics Careers</u> | | | |
| Career Automotive Body Repairer Automotive Service Technicians Diesel Technicians | Education and Wages 2-4 yrs. - \$10.43/14.23 2-4 yrs. - \$10.40/16.13 2-4 yrs. - \$10.40/17.57 | Career Transportation, Distribution & Managers (Cargo/Freight) Truck Drivers, Heavy | Education and Wages 4 yrs. - 22.93/34.17 3-6 mos. - \$12.25/17.34 |



2009 InterLink Emerging & Evolving Occupations

Expected to Offer Future Employment Opportunities

*Emerging Occupations are new occupations in the workforce with new titles and skills.

**Evolving Occupations are traditional occupations whose knowledge, skills, and abilities have changed or evolved. These are important because they will lead to future careers.

Education time is the minimum required for entry level to the highest expected degree or education
Emerging & Evolving occupations may not have established education times or wages

Career

- *Advanced Digital Manufacturing (ADM) Technicians
- *Bioinformatics Technicians (SOC: 43-9111.01)
- *Biotechnology Research Technicians (O*Net: 19-4021.00)
- **Composite Technicians (Bond Assembler)
- *Computer & Digital Forensics Technicians
- *Computer Security Specialists
- *Convergence Technology Specialists/Technicians
- *Data Mining Technicians
- *Electronic Commerce Specialist
- *Gaming Technicians (Multimedia Artists & Animators)
- ** Geographic Information Systems (GIS) includes Engineering & Mapping Technicians. (O*NET 17-3031.00)
- *Global Positioning Systems (GPS) Technician
- *Micro-electromechanical Systems (MEMS) Technician
- *Nanotechnology Technician
- *Robotics Technicians – Automative Manufacturing Technicians
- *Solar Photovoltaic Installers and Technicians (SOC: 47-4099.01)
- *Solar Thermal Installers & Technicians (SOC: 47-4099.02)

Education

- 2-4 yrs.
- 2-4 yrs.
- 4 yrs.
- OJT – 2 yrs.
- 2 yrs.
- 2 yrs.
- 2 yrs.
- OJT-2 yrs.
- 2-4 yrs.
- 2-4 yrs.
- 2-4 yrs.
- Certificate-2 yrs.
- 2 yrs.
- 2-4 yrs.
- 2-4 yrs.
- Most likely to evolve from solar trained electrician
- Most likely to evolve from solar trained plumber

2009 InterLink High Demand Occupations Identified by Regional Employers Which Did Not Meet Perkins IV Requirements



Career

- Cooks, Restaurant
- Home Health Aides
- Laborers and Freight, Stock and Material Movers, Hand (including Forklift Operators)
- Landscapers, Gardeners, Groundskeepers
- Medical Assistant

Education and Wages

- OJT – \$8.73/9.59
- OJT - \$ 7.76/9.59
- OJT - \$9.42/10.06
- OJT – \$9.80/10.43
- OJT-2yrs. - \$10.39/13.03



Regional Projected Industry Growth to 2016

| Industry | Growth Rate to 2016 |
|--|---------------------|
| Agriculture, Forestry, Fishing & Hunting | 8% |
| Mining | 45% |
| Utilities | 0% |
| Construction | 25% |
| Manufacturing | 8% |
| Wholesale Trade | 17% |
| Retail Trade | 15% |
| Transportation & Warehousing | 17% |
| Information | 12% |
| Finance & Insurance | 20% |
| Real Estate & Rental & Leasing | 20% |
| Professional, Scientific, & Technical Services | 30% |
| Management of Companies & Enterprises | 19% |
| Administrative & Support & Waste Management & Remediation Services | 34% |
| Educational Services | 35% |
| Health Care & Social Assistance | 33% |
| Arts, Entertainment, & Recreation | 24% |
| Accommodation & Food Services | 28% |
| Other Services | 16% |
| Government | 19% |

