

# Construction & Trades

Career Tree

June 2007

<p><b>Advanced Degree</b> (6 - 8 years) \$44,000 - \$81,000 per year</p>	<p>Architects* (p. 14) Cartographers Urban and Regional Planners* (p. 25)</p>		
<p><b>Bachelor's Degree</b> (4 - 5.5 years) \$30,000 - \$114,000+ per year</p>	<p>Civil Engineers* (p. 41) Commercial &amp; Industrial Designers Construction Managers* (p. 14) Cost Estimators*</p>	<p>Electrical &amp; Electronics Engineers* (p. 42) Industrial Engineers* Landscape Architects (p. 13)</p>	<p>Surveyors (p. 15)</p>
<p><b>Associate's Degree</b> (2 - 3.5 years) \$20,000 - \$68,000 per year</p>	<p>Building Maintenance Workers Carpenters* (p. 14) Commercial Divers (p. 14) Construction Helpers* (p. 14) Drafters* (p. 15) Electrical &amp; Electronics Installers &amp; Repairers* Electricians* (p. 15)</p>	<p>Heating &amp; Cooling System Mechanics* (p. 15) Industrial Engineering Technicians* Landscapers &amp; Groundskeepers* (p. 13) Sheet Metal Workers* Operating Engineers &amp; Construction Equipment Operators* (p. 15)</p>	<p>Surveying &amp; Mapping Technicians* Welders, Cutters, Solderers, &amp; Brazers*</p>
<p><b>Short-Term or On-the-Job Training</b> (2 - 22 months) \$17,000 - \$70,000 per year</p>	<p>Cabinetmakers* Construction &amp; Building Inspectors* (p. 14) Construction Laborers* Construction &amp; Well Drillers Crane &amp; Tower Operators Explosives Workers</p>	<p>Fiberglass Laminators &amp; Fabricators* General Construction Workers Hazardous Materials Removal Workers* Line Installers &amp; Repairers (p. 15) Maintenance &amp; Repair Workers, General*</p>	<p>Paving Equipment Operators Pipelayers Septic Tank Services and Sewer Pipe Cleaners</p>
<p><b>Foundations for Success</b></p>	<p>Math                      English                      Science</p>		

Page numbers listed after job titles correspond with "Where are you going? A guide to careers and education in Washington State," by the Washington State Workforce Training and Education Coordinating Board, 2006-08.  
Job titles followed by asterisks (\*) represent the "Demand Occupations in Snohomish County - <http://www.wilma.org/wdelists/wdaArea.asp?area=000004>  
Job titles and salary information obtained from the following sources: America's Career InfoNet - [www.acinet.org/acinet/](http://www.acinet.org/acinet/); Construction Industries Careers and Training Quicklist; Snohomish County Workforce Development Council - [www.worksourceonline.com](http://www.worksourceonline.com);  
Washington's Interactive Labor Market Access - [www.wilma.org/](http://www.wilma.org/); Washington State Registered Apprenticeship Programs Catalog; Washington State Workforce Training and Education Coordinating Board - [www.wtb.wa.gov/](http://www.wtb.wa.gov/)

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# Construction Apprenticeship & Trades

Career Forest

June 2007

## On-the-Job Training / Experience and Apprenticeship to Journey-level Training

2 - 5 years  
\$17,000 - \$155,000 per year  
(Prevailing Wage)

Asbestos Abatement Workers	Ironworkers	Residential Painters*
Boilermakers	Laborers (All Classifications)	Residential Plumbers & Pipefitters
Brick & Marble Masons*	Laborers – Underground Sewer & Water (All Classifications)	Residential Refrigeration & Air Conditioning Mechanics
Building Service Employees	Landscape Construction (All Classifications)	Residential Sheet Metal Workers
Cabinet Makers* (in shop)	Lathers	Residential Soft Floor Layers
Carpenters *	Machinists (Hydroelectric Site Work)	Residential Sprinkler Fitters (Fire Protection)
Cement Masons *	Metal Fabrication* (In-Shop) (All Classifications)	Residential Terrazzo/Tile Finishers
Divers & Tenders	Modular Buildings (All Classifications)	Residential Terrazzo/Tile Setters
Dredge Workers	Painters & Decorators*	Roofers* (All Classifications)
Drywall Tapers*	Plasterers	Sheet Metal Workers*
Electrical Fixture Maintenance Workers	Playground & Park Equipment Installers	Shipbuilding & Ship Repair (All Classifications)
Electricians – Inside	Plumbers & Pipefitters*	Sign Makers & Installers (Electrical and Non-Electrical)
Electricians – Motor Shop	Power Equipment Operators (All Classifications)	Soft Floor Layers
Electricians – Powerline Construction	Power Equipment Operators – Underground Sewer & Water	Solar Controls For Windows
Electronic & Telecommunications Technicians	Powerline Clearance Tree Trimmers (All Classifications)	Sprinkler Fitters (Fire Protection)
Elevator Constructors	Refrigeration & Air Conditioning Mechanics	Stage Rigging Mechanics (Non-Structural)
Fabricated Precast Concrete Products	Residential Brick & Marble Masons	Street & Parking Lot Sweeper Workers
Fence Erectors	Residential Carpenters	Surveyors (All classifications)
Flaggers	Residential Cement Masons	Telephone Line Construction – Outside (All Classifications)
Glaziers	Residential Drywall Tapers*	Terrazzo Workers & Tile Setters
Heat & Frost Insulators & Asbestos Workers	Residential Electricians	Terrazzo Workers & Tile Finishers
Heating Equipment Mechanics	Residential Glaziers	Tile, Marble & Terrazzo Finishers
HOD Carriers & Mason Tenders	Residential Insulation Applicators	Traffic Control Strippers
Industrial Engine & Machine Mechanics	Residential Laborers	Truck Drivers* (All Classifications)
Industrial Power Vacuum Cleaner		Well Drillers & Irrigation Pump Installers (All Classifications)
Inland Boatmen		
Inspectors/Cleaners/Sealers of Sewer & Water Systems by Remote Control		
Insulation Applicators		

Foundations for Success

Math

English

Science

Job titles and prevailing wage information are from the WA State Registered Apprenticeship Programs Catalog, pages 12-13 - <http://www.lni.wa.gov/TradesLicensing/Apprenticeship/files/pubs/appcat.pdf>

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Workforce Development Council  
Snohomish County

[www.wdcsc.org](http://www.wdcsc.org)