

## CONSTRUCTION INDUSTRIES CAREERS AND TRAINING QUICKLIST

### TERMS USED:

**AAT: Associates of Arts and Technology Degree**

**AAS: Associates of Arts and Sciences Degree**

**JATC: Joint Apprenticeship and Training Committee**

**CRAFT/TRADE CAREERS :** *(These are ideas for possible Career Paths. Many certificate/degrees can be utilized for a variety of career and positions. )*

CAREER/WAGES	TRAINING	TIME FRAMES	CAREER PATHS *
<b>Boilermaker/Welder</b>  Apprentice: \$13/hr Journey: \$19/hr	Bates Technical College Clover Park Technical College Boilermakers Shop/Shipyard JATC Boilermakers Local 502	Boiler Operation Certificate: 8 weeks Welder Certification: 14—18 months Facilities Engineer: AAT 19—24 months Apprenticeships: Varies	Welder/Boilermaker Stationary Engineer Maintenance Technician Building/Facilities Maintenance
<b>Carpenter</b>  Apprentice: \$17/hr Journey: \$28/hr	Bates Technical College Green River Community College Construction Industry Council (CITC)	Carpentry: AAT 22 months Carpentry Technology Certificate: 12 months Apprenticeships: Varies	General carpentry Roofing Drywall Interior/Exterior Finisher
<b>Electrician</b>  Apprentice: \$12/hr Journey: \$30/hr	Bates Technical College Clover Park Technical College Tacoma Community College Pierce College Construction Industry Council (CITC) SW Washington Electrical JATC	Electrical Construction: AAT 22 months Electrical Engineering: AAT 22 months Electronics Engineering: AAT 22 months Electrician: AAT 15—24 months Industrial Technology: AAT 22 months Apprenticeships: Varies	Industrial/Commercial Electrician Electrical Engineer Electronic Engineer Electrical Drafter Electrical Estimator Electrical Technician
<b>Operating Engineer</b>  Apprentice: \$18/hr Journey: \$30/hr	Bates Technical College Western WA Operating Engineers	Fire Protection Engineering: AAT 22 months Apprenticeships: Varies	Fire Systems Inspector Project Manager Operations Engineer Operations Technician
<b>Mason (Brick/Cement)</b>  Apprentice: \$15/hr Journey: \$29/hr	Green River Community College Cement Masons Seattle Western WA Masonry Trades	Concrete Forming/Placement Certificate: 12 months Apprenticeships: Varies	Helper mason Tile/Marble Setter Brick/Tile/Cement Masons Risk/Safety manager
<b>Plumber</b>  Apprentice: \$12/hr Journey: \$30/hr	Bates Technical College Construction Industry Council (CITC) Tacoma Area Plumbers/Steamfitters Seattle/Vicinity Sprinkler Fitter JATC	Facilities Engineer: AAT 19—24 months Apprenticeships: Varies	Plumber Steamfitter Pipe/Sprinkler Fitters Pipe Layer
<b>Roofer</b>  Apprentice: \$14/hr Journey: \$24/hr	Pierce County Roofers	Apprenticeships: Varies	Helper roofer Roofer Project Manger/Estimator
<b>Sheet Metal Worker</b>  Apprentice: \$15/hr Journey: \$30/hr	Bates Technical College Construction Industry Council (CITC) Western WA Sheet Metal JATC	Sheet Metal Technology: AAT 22 months Apprenticeships: Varies	Sheet Metal Worker HVAC Installer Shop Fabricator Architectural Metal

**ADMINISTRATIVE SUPPORT, MANAGEMENT, AND INDUSTRY SUPPORT CAREERS :**

CAREER/WAGES	TRAINING	TIME FRAMES	CAREER PATHS *
<b>Accounting/Bookkeeping</b>	Bates Technical College Clover Park Technical College Pierce College Tacoma Community College Green River Community College	Assistant Bookkeeping Clerk Cert.: 3—6 months Accounting/Bookkeeping Certification: 9—12 months Accounting: AAS/AAT 21—24 months	Full Charge Bookkeeper Payroll Clerk Investment Securities Banking Accountant Accounting Assistant AR/AP Clerk
<b>Administrative/Office Assistant</b>	Bates Technical College Clover Park Technical College Pierce College Tacoma Community College Green River Community College	Receptionist Certification: 12 weeks Admin./Office Assistant Certification: 12 months Administrative Office Assistant: AAS/AAT: 24 months Office Technology: AAS/AAT 24 months	Administrative Assistant Executive Secretary General Office Assistant Receptionist Program Assistant
<b>Computer/Information Technician</b>	Bates Technical College Clover Park Technical College Pierce College Tacoma Community College	Computer Systems Technology: AAT 24 months Computer Information Technology: AAS 24 months	Computer Systems Support Information Technology Computer Information Tech. Computer Programmer
<b>Marketing/Sales Specialist</b>	Bates Technical College Pierce College Tacoma Community College Green River Community College	Marketing Management Certification: 6—12 months Marketing and Sales: AAS/AAT 21—24 months Business Marketing: AAS 24 months	Buyer/Wholesaler/Merchandiser Sales/General Manager Customer Service/Sales Rep Materials Supply Staff
<b>Human Resources Specialist</b>	Pierce College Tacoma Community College	HR Certification: 9—12 months Business Management: AAS 24 months	HR Specialist HR/Hiring Manager Scheduler
<b>Construction Management</b>	Green River Community College University of Washington Washington State University	Construction Management Certification: 12—24 months Bachelors in Science Construction Management: 4 years Masters in Science Construction Management: 6 years	Construction Management Scheduler/Estimator Project Manager Risk/Safety Manager Business Owner
<b>Architectural Engineer</b>	Bates Technical College Clover Park Technical College University of Washington Washington State University	Architectural Engineering: AAT 24 month Bachelor Science Architectural Studies: 4 years Masters in Science Architectural Design Theory: 6 years Masters of Engineering Management: 6 years Master in Science Construction Engineering: 6 years	Building Inspector Interior Design Architectural Design Engineering Tech/Manager Risk/Safety Manager Drafter/Estimator

**RESOURCES :** (FOR DETAILED JOB DESCRIPTIONS OF THESE OCCUPATIONS, INCLUDING JOB DUTIES, TRAINING/APPRENTICESHIP REQUIREMENTS, EMPLOYMENT OUTLOOK, AND SALARIES.)

America’s Career Info Net: [www.acinet.org/acinet](http://www.acinet.org/acinet)

WDC/Construction Partnership: [www.buildingyourcareer.com](http://www.buildingyourcareer.com)

Pierce County Career Connection: [www.pc3connect.org/labor/matrix.htm](http://www.pc3connect.org/labor/matrix.htm)

Students, Parents, Educators Resource: [www.constructmyfuture.com](http://www.constructmyfuture.com)

Employment and Training Information: [www.wa.gov/esd/employment.html](http://www.wa.gov/esd/employment.html)

Washington’s Interactive Labor Market Access: [www.workforceexplorer.com](http://www.workforceexplorer.com)

Pierce County Unions/Apprenticeships: [www.constructionpays.com](http://www.constructionpays.com)

WA State Labor and Industries: [www.lni.wa.gov/TradesLicensing/Apprenticeship/](http://www.lni.wa.gov/TradesLicensing/Apprenticeship/)

WA State Associated General Contractors: [www.agcwa.com](http://www.agcwa.com)

National Association for Women in Construction: [www.nawic.org](http://www.nawic.org)

<b>Bates Technical College</b> 1101 South Yakima Avenue Tacoma, WA 98405 (253) 680-7000 <a href="http://www.bates.ctc.edu">www.bates.ctc.edu</a>	<b>Everett Community College</b> 2000 Tower St Everett WA 98201 425-388-9208 <a href="http://www.cptc.ctc.edu">www.cptc.ctc.edu</a>	<b>Tacoma Community College</b> 6501 South 19 <sup>th</sup> Street Tacoma, WA 98466 (253) 566-5000 <a href="http://www.tacoma.ctc.edu">www.tacoma.ctc.edu</a>	Skagit Valley College 2405 East College Way Mount Vernon WA 98273 (253) 840-8400 <a href="http://www.skagit.edu">www.skagit.edu</a>
Edmonds Community College 20000 68 <sup>th</sup> Ave West Lynnwood WA 98036 425-640-1239 <a href="http://www.edcc.edu">www.edcc.edu</a>	<b>University of Washington</b> 1320 NE Campus Parkway Seattle, WA 98195 (206) 543-2100 <a href="http://www.washington.edu">www.washington.edu</a>	<b>Washington State University</b> 225 North Grand Avenue Pullman, WA 98164 (509) 335-8633 <a href="http://www.wsu.edu">www.wsu.edu</a>	<b>Construction Industry Council (CITC)</b> 1930 116 <sup>th</sup> Avenue NE Bellevue, WA 98004 (425) 454-2482 <a href="http://www.citcwa.org">www.citcwa.org</a>
<b>Boilermakers Shop/Shipyard JATC</b> 1829 Boren Avenue Seattle, WA 98101 (206) 624-4707	<b>Boilermakers Local 502</b> 4517 62 <sup>nd</sup> Avenue East Puyallup, WA 98371 (253) 922-3020	<b>NW Laborers Training JATC</b> 27055 Ohio Avenue Kingston, WA 98346 (360) 297-3035	<b>Pacific NW Ironmakers</b> 4550 South 134 <sup>th</sup> Place #101 Tukwila, WA 98168 (206) 244-2993
<b>Pierce County Roofers JATC</b> 3049 South 36 <sup>th</sup> #214-A Tacoma, WA 98409 (253) 474-0528	<b>Cement Mason</b> 2700 First Avenue #215 Seattle, WA 98121 (206) 762-9286	<b>Western WA Masonry Trades</b> 6314 7 <sup>th</sup> Avenue South Seattle, WA 98108 (206) 768-8333	<b>Western WA Stationary Engineers</b> 18 East Street SW Auburn, WA 98001 (253) 351-0184
<b>Glazers/Metal/Glass Workers JATC</b> 6770 E. Marginal Way South Seattle, WA 98108 (253) 762-7001	<b>Western WA Piledrivers</b> 20424 72 <sup>nd</sup> Avenue South Kent, WA 98032 (253) 437-5235	<b>WA Millwrights JATC</b> 20424 72 <sup>nd</sup> Avenue South Kent, WA 98032 (253) 437-5235	<b>Tacoma Area Plumbers/Steamfitters JATC</b> 8501 Zenith Court NE Lacey, WA 98516 (360) 486-9400
<b>Heat/Frost Insulators/Asbestos Workers JATC</b> Renton Technical College 3000 NE 4 <sup>th</sup> Street, Box #20 Renton, WA 98056 (425) 235-7827	<b>Western WA Sheet Metal JATC</b> 1220 Tracey Street PO Box 5757 Lacey, WA 98509 (360) 459-9118		<b>Western WA LAD and Thermal Insulation JATC</b> Renton Technical College PO Box 3076 Renton, WA 98056 (425) 235-5835, (425) 235-2262
<b>Lathing/Acoustical/Drywall/Thermal Insulation</b> 2201 South 78 <sup>th</sup> Street, Building #B-512 Tacoma, WA 98409 (253) 472-2629	<b>Western WA Operating Engineers</b> 18701 120 <sup>th</sup> Ave NE #101    1555 S. Fawcett Ave. Bothell, WA 98011                      Tacoma, WA 98402 (425) 486-2273		<b>Western WA Carpet/Linoleum/Soft Tile Layers JATC</b> 6770 E. Marginal Way South, Building D Seattle, WA 98108 (206) 762-8332
<b>Carpenters Specialty Training Center</b> 20424 72 <sup>nd</sup> Ave South Kent, WA 98032	<b>South Puget Sound Carpenter JATC</b> 2201 S. 78 <sup>th</sup> Street, Bldg. B-512 Tacoma, WA 98409		<b>Western WA Painting/Decorating/Drywall JATC</b> 6770 E. Marginal Way South, Building D Seattle, WA 98108 (206) 762-8332
<b>Western WA Plasterers JATC</b> Renton Community College 3000 NE 4 <sup>th</sup> Street, Box #28 Renton, WA 98056 (425) 235-7879	<b>Seattle/Vicinity Sprinkler Fitter JATC</b> 6770 E. Marginal Way South Seattle, WA 98108 (206) 7640-0395 <a href="http://www.ualocal699.org">www.ualocal699.org</a>		<b>Southwest WA Electrical JATC</b> 3001 South 36 <sup>th</sup> Street Tacoma, WA 98409 (253) 475-2922 <a href="http://www.swwaejtc.org">www.swwaejtc.org</a>
<b>AGC Education Foundation</b> 1200 Westlake Avenue North, Suite 301 Seattle, WA 98109 (206) 284-4500 <a href="http://www.agcwa.com/public/education">www.agcwa.com/public/education</a>	<b>Youth Building Tacoma</b> 1305 Tacoma Avenue South, Suite 201 Tacoma, WA 98402 (253) 680-2860 <a href="http://www.wawomenintrades.com/youthbuild.html">www.wawomenintrades.com/youthbuild.html</a>		<b>School to Electrical/Carpentry Apprenticeship</b> <b>For an application and/or more information:</b> Trudy Johnson (253) 404-3988 <a href="mailto:tjohnson@pic.tacoma.wa.us">tjohnson@pic.tacoma.wa.us</a>