

Aerospace & Manufacturing

Career Tree

October 2006

Advanced Degree

(6 - 8 years)

\$53,000 - 120,000 per year

Engineering Managers*
Physicists (p. 42)

Apprenticeship

(2 - 5 years)

\$16,000 - 76,000 per year

Bachelor's Degree

(4 years)

\$32,000 - 146,000 per year

Aerospace Engineers* (p. 41)
Airplane Pilots (p. 43)
Chemical Engineers* (p. 41)
Electrical & Electronics
Engineers* (p. 42)
Environmental Engineers*
(p. 42)
Industrial Designers* (p. 37)
Industrial Engineers*

Industrial Production
Managers* (p. 37)
Materials Engineers*
Mechanical Engineers* (p. 42)
Mining Engineers
Nuclear Engineers
Purchasing Agents*
Petroleum Engineers
Safety Engineers

Boilermakers (p. 37)
Industrial Electronics Repairers* (p. 37)
Industrial Machinery Mechanics*
Machinists* (p. 38)
Material Moving Machine Operators* (p. 38)
Millwrights*
Numerical Control Machine Operators
Precision Assemblers*
Semiconductor Processing Operators
Stationary Engineers
Tool & Die Makers
Welders & Solderers* (p. 38)
Woodworkers (p. 38)

Associate's Degree

(2 years)

\$24,000 - 68,000 per year

Aircraft Mechanics* (p. 43)
Airplane Assemblers* (p. 37)
Chemical Equipment
Operators
Chemical Plant Operators
Engineering Technicians (p. 42)

Industrial Electronics
Repairers* (p. 37)
Machinists* (p. 38)
Semiconductor Processing
Operators

Short-Term or On-the-Job Training

(2 -12 months)

\$16,000 - 76,000 per year

Bookbinders & Bindery
Workers
Dental Laboratory
Technicians* (p. 37)
Food Processing Workers
Forklift Operators* (p. 37)
Glass Blowers
Industrial Machinery
Mechanics*
Locksmiths (p. 37)
Material Moving Machine
Operators* (p. 38)

Medical Appliance Technicians
Metal & Plastic Processing
Workers
Numerical Control Machine
Operators
Numerical Control Tool
Programmers
Ophthalmic Laboratory
Technicians (p. 38)
Packaging & Filing Machine
Operators

Packers & Packagers*
Photograph & Processing Workers (p. 38)
Power Plant Operators
Production Helpers*
Quality Control Inspectors (p. 38)
Tailors
Upholsterers (p. 38)
Vehicle Painters (p. 38)
Welders & Solderers* (p. 38)
Woodworkers (p. 38)

Foundations for Success

Math

English

Science

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 - www.wilma.org/wdclist/wdaArea.asp?area=000004. Job titles and salary information obtained from the following sources: America's Career InfoNet - www.acinet.org/acinet/; Snohomish County Workforce Development Council - www.worksourceonline.com; Washington State Workforce Training and Education Coordinating Board - www.wtb.wa.gov/; and Workforce Explorer - www.workforceexplorer.com

The Snohomish County Workforce Development Council is an equal opportunity employer and provider of employment and training services. Auxiliary aids and services are available upon request to persons with disabilities.

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