

Aerospace & Manufacturing

Career Tree

June 2007

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 Petroleum Engineers Purchasing Agents* 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) Mechanical Drafters* 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 & Filling Machine Operators	Packers & Packagers* Photographic Processing Workers (p. 38) Power Plant Operators Production Planning & Expediting Clerks* 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

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