

APICC Priority Occupations Report 2008 Indicators: Difficult to find qualified workers to hire in this occupation and positions often remain vacant for periods of time.	AK DOL HOT Jobs 2004—2014 Indicators: % growth greater than all occupations as a whole; grow at least 75 jobs over 10 years; rank in top 2 wage quartiles.	AK DOL Focus Jobs 2004—2014 Indicators: Top 25 occupations with most openings, with higher than average wages.	AGIA Training Strategic Plan A Call to Action Indicators: Occupations considered significant in constructing a natural gas pipeline	UAA Programs Connected to Demand
STEM	STEM	STEM	STEM	STEM
Chemical Engineers <Bachelor's> \$70K +			Chemical Engineers	
Civil Engineers <Bachelor's> \$70K +	Civil Engineers		Civil Engineers and Technicians	SOE: Civil Engineering, BSE
Electrical Engineers <Bachelor's> \$70K +			Electrical and Electronic Engineers and Technicians	SOE: Electrical Engineering, BSE
Mechanical Engineers <Bachelor's> \$70K +	Mechanical Engineers		Mechanical Engineers and technicians	SOE: Mechanical Engineering, BSE
Mining Engineers <Bachelor's> \$70K +				
Project Engineers <Bachelor's> \$70K +	Engineering Managers		Engineering Managers	SOE: Engineering and Science Management, MS
Project Managers <Bachelor's> \$70K +	Construction Manager	Construction Managers	Construction Managers	SOE: Project Management, MS CTC: Construction Management, BS
Operations	General Operations	General & Operations		SOE: Project Management,

Managers/Supervisors <Bachelor's> \$70K +	Manager	Manager		MS CTC: Construction Management, BS
			Materials Engineers	
	Environmental Scientists, including health		Environmental Engineers and technicians, environmental science and protection technicians, environmental scientists Safety: Health/safety engineers Occupational health and safety specialists, hazardous materials removal, health and safety engineers, OHS specialists and technicians, security guards	SOE: Applied Environmental Science and Technology, AEST Environmental Quality Engineering Science, MS KPC; Occupational Safety and Health, AAS
			Drafters, engineering technicians, inspectors, mechanical drafters, surveying and mapping technicians, landscape architects	SOE: Geomatics, BS, AAS, and cert CTC: Architectural Engineering and Technology, AAS and certs
Education	Education	Education	Education	Education
		Elementary Teachers, except special ed		COE: Teacher Ed.
		Secondary Teachers, except specials & voc ed		COE: Teacher Ed - MAT
	Postsecondary Teachers			
	Instructional Coordinators			
	Ed, Voc, and School Counselors			COE: Counselor Education
	Special Ed Teachers, Preschool, Kindergarten,			COE: Early Childhood Development, Special Ed,

	Elementary			Elementary Ed.
Business/Finance	Business/Finance	Business/Finance	Business/Finance	Business/Finance
	Accountants/Auditors	Accountants/Auditors		CBPP: Accounting, BBA and AAS
Administrative Managers/Supervisors <Bachelor's> \$50K +	Administrative Service Managers	Administrative Service Managers		CBPP: MBA, Management, BBA
	Chief Executives	Chief Executives		CBPP: MBA, Management, BBA
	Financial Manager	Financial Managers		CBPP: Finance, BBA
		First Line Supervisors: Office/Retail/Construction/ Mechanics/Installers	First Line Supervisors	CBPP: Management, BBA
	Property, Real Estate, Community Assoc Mgrs			
	Sales Manager			CBPP: Marketing, BBA
	Marketing Mgrs			CBPP: Marketing, BBA
	Loan Officers			CBPP: Finance, BBA
	Securities, Commodities, Financial Services Sales Agents			CBPP: Finance, BBA
			Material Handling: First line Supervisors, Freight handling, order clerks, stock clerks	CBPP: Cert in Logistics
			Administration: Bookkeeping, accounting, budget analysts, cost estimators, placement specialists, admin assistants, file clerks, first line supervisors, HR assistants, payroll clerks, receptionists, training specialists	CBPP: Small Business Admin, AAS, Management, BBA

Information Technology	Information Technology	Information Technology	Information Technology	Information Technology
	Computer System Analyst			CTC; Computer Networking, AAS
	Computer Information Systems Mgrs			CBPP : Management Information Systems, AAS
	Network and Computer Systems Administrators			CTC: Computer Networking and CISCO Academy, AAS and Cert
			Computer systems mgrs, computer programmers, computer support specialists, systems analysts, database administrators	CTC: Computer Information Office Systems and Computer Networking, CISCO Academy, AAS and Certs KPC/Mat Su: Varied computer courses and certs
Transportation	Transportation	Transportation	Transportation	Transportation
Heavy Truck Drivers <Driver's License/Endorsements> \$50K +		Truck Drivers, Heavy and Tractor-trailer	Truck Drivers, Heavy and Tractor-trailer	
		Automotive Service Technicians	Bus/Truck Mechanics and Diesel Engine Specialists	CTC: Automotive and Diesel Technology, AAS and Certs
		Aircraft Mechanics		
		Airline Pilots, Copilots, and Flight Engineers		CTC: Aviation Technology – Professional Piloting, BA
			Logistics: Drivers, dispatchers, purchasing agents	CBPP: Cert in Logistics
Health	Health	Health	Health	Health
		Registered Nurse		CHSW: Nursing, AAS and BS
	Child, Family, School			CHSW: Social Work, MS

	Social Workers			and BS
	Physicians and Surgeons			CAS: WWAMI
	Social and Community Service Mgrs			CHSW: Social Work, MS and BS
	Medical and Health Services Mgrs			CTC: Medical Assisting, AAS and Cert
	Substance Abuse and Behavioral Disorder Counselors			CHSW: Human Services, AAS, and BS, Social Work, BS
	Pharmacists			CTC: Pharmacy Technology, Cert
	Physical Therapists			
	Mental Health Counselors			
Public Safety	Public Safety	Public Safety	Public Safety	Public Safety
		Police Officers/Patrol Officers		
AAS/Apprenticeship/OJT	AAS/Apprenticeship/OJT	AAS/Apprenticeship/OJT	AAS/Apprenticeship/OJT	AAS/Apprenticeship/OJT
Electrical Inspectors <AAS or Bachelor's> \$60-\$100K				PWSCC: Industrial Technology – electrical power generation, AAS and cert
Mechanical Inspectors <AAS or Bachelor's> \$60K +				
Non Destructive Examination <AAS or Bachelor's> \$60K +				CTC: Non Destructing Testing, AAS and Cert
H and S Compliance <AAS or Bachelor's> \$60-\$100K				KPC: Occupational Safety and Health, AAS PWSCC: Industrial Technology – safety, AAS and Cert

Machinist & Millwrights <AAS or Apprenticeship or OJT> \$70K +			Millwrights	PWSCC: Industrial Technology –Millwright, AAS and vcert KPC: Process Technology, AAS
Maintenance General/Mining Mechanic <AAS or Apprenticeship or OJT> \$AAS or Apprenticeship or OJT>		Maintenance & Repair Workers		
Cleaners <HS diploma/GED> \$?				
Carpenters <Apprenticeship or training/OJT> \$50K +		Carpenters	Carpenters	
Electricians <Apprenticeship or training/OJT> \$70K +		Electricians	Electricians	
Pipe Fitters <Qualified Welder with mathematical background> \$70K +		Plumbers, Pipe fitters, Steamfitters	Plumbers, Pipe fitters, steamfitters	
		Construction Equipment Operators		
		Sales Reps		
	Surveyors			SOE: Geomatics, BS, AAS and cert
			Crafts: Masons, Laborers, Crushing, Explosives, Fence, Helpers, highway maintenance, insulation, sheet metal, iron, painters	

			Welders	CTC/KPC: Welding, AAS and Cert
			Equipment Operators	
			Operations: Gas Compressor operators, gas plant operators, ,plant and system operators	KPC: Process Technology PWSCC: Industrial Technology, AAS and Certs
			Camps/Catering: Cooks, dishwashers, first line supervisors, food prep, food service, janitors, laundry, housekeeping, general repair	CTC: Culinary Arts, AAS and Cert