

Job: **Security Officer** Utility job? Contract

Where work is done: Inside or Outside, All Kinds of Facilities

What kind of work: Observation, checking credentials, gathering information

Work Requirements: Required to sit, stand or walk for extended periods, maintain awareness and attention to detail in observing environment, able to interact with public and employees in a courteous manner, provide documentation of events, able to respond quickly (and perhaps physically) to events.

**Normal hours: 24/7/365 Salary: \$33,000/yr Overtime available? Possibly**

**Education: HS Math & Science Required? No Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? Possibly Professional Certifications

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Job: **Retail Clerk** Utility job? No

Where work is done: Shopping Centers, Retail Stores

What kind of work: Sales, Customer Service

Work Requirements: Required to stand or walk for extended periods, maintain clean and orderly sales display, able to interact with public and other employees in a courteous manner, provide product information to facilitate customer decisions, able to physically move merchandise and fixtures.

**Normal hours: Normal business hours up to 24/7/365 Salary: \$23,000/yr**

**Overtime available? Unlikely; Bonus or commission may be available**

**Education: HS Math & Science Required? No Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? Possibly certification on product specifications

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Job: **Accountant** Utility job? Yes

Where work is done: Office, Headquarters and some facilities

What kind of work: Prepares balance sheets, profit and loss statements, and financial reports. Responsibilities also include analyzing trends, costs, revenues, financial commitments, and obligations to predict future revenues and expenses. Reports finances to management, offers suggestions about resource utilization, tax strategies, and assumptions underlying budget forecasts.

Work Requirements: Requires attention to detail and knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision.

**Normal hours: M-F 8-5 Salary: \$45,000/yr Overtime available? Possibly**

**Education: Bachelor's Degree Math & Science Required? Math Degree Required? Yes**

Cost of education without scholarships: \$45,000 (does not include housing & transportation)

Other Education Required? Possibly Professional Certifications such as CPA

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Job: **City Park & Recreation Worker** Utility job? No

Where work is done: Outdoors; Government and Public land

What kind of work: Installs, maintains, tests, troubleshoots, and repairs equipment, landscape, facilities, sidewalks and roadways. Relies on instructions and pre-established guidelines to perform the functions of the job. Typically reports to a supervisor.

Work Requirements: Required to bend reach, stand or walk for extended periods, able to interact with public and other employees in a courteous manner, physically able to lift and push. Works under immediate supervision.

**Normal hours: M-F 8-5**      **Salary: \$32,000/yr.**      **Overtime available? Possibly; during inclement weather may help with restoration efforts**  
**Education: HS**      **Math & Science Required? No**  
**Degree Required? No**      **Cost of education without scholarships: NA**      **Other Education Required? NA**

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Job: **Truck Driver** - Local Utility job? No

Where work is done: In vehicle, all kinds of weather

What kind of work: Driving, lifting and moving cargo, customer service

Work Requirements: Required to sit, stand or walk for extended periods, maintain awareness and attention to detail in observing environment, able to interact with public and employees in a courteous manner, provide service, deliver goods on time with no damage.

**Normal hours: Usually M-F 8-5**      **Salary: \$37,000/yr.**      **Overtime available? Possibly**  
**Education: HS**      **Math & Science Required? No**      **Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? Commercial Driver's License and perhaps other certifications for hazardous materials, special materials handling, etc.

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Job: **Heavy Equipment Operator** Utility job? Yes

Where work is done: Outside

What kind of work: Operate large-scale equipment like bull-dozer, excavation, trenching and boring machines, hoists and lifts, etc.

Work Requirements: Required to stand or sit in a confined space with possible exposure to elements for long periods. Concentration and attention to detail and safety necessary.

**Normal hours: 24/7/365**      **Salary: \$55,000/yr**

**Overtime available? Yes; especially during inclement weather events**

**Education: HS and Apprenticeship**      **Math & Science Required? No**      **Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? A 2-yr Registered Apprenticeship may be required as well as certification on individual pieces of equipment.

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Job: **Bus Driver** Utility job? No

Where work is done: In vehicle, all kinds of weather

What kind of work: Driving within metropolitan or regional area, customer service

Work Requirements: Required to sit extended periods, maintain awareness and attention to detail in observing environment, able to interact with public in a courteous manner, provide service, on time with no accidents.

**Normal hours: 24/7/365 Salary: \$31,000/yr. Overtime available? Possibly**

**Education: HS Math & Science Required? No Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? Commercial Driver's License and perhaps other certifications

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Job: **Clerical** Utility job? Maybe

Where work is done: Inside, office

What kind of work: Performs routine recordkeeping activities such as payroll, inventory or accounts payable or receivable functions.

Work Requirements: Required to sit for long periods. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Works under immediate supervision.

**Normal hours: Mostly M-F 8-5 Salary: \$28,000/yr. Overtime available? Possibly;**

**Education: HS Math & Science Required? No Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? Certifications or classes on software applications like PeopleSoft or SAP, inventory or planning systems, Microsoft Office, etc

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Job: **Line worker** - Overhead or Underground Utility job? Yes

Where work is done: Outside, all kinds of weather

What kind of work: Construct, install, repair electrical lines and equipment

Work Requirements: Required to climb poles or enter confined spaces underground with energized equipment. Uses many types of specialized equipment and materials. Work must be done in all kinds of weather especially when customer's service is out or impaired. Maintain constant awareness of environment and safety issues

**Normal hours: 24/7/365 Salary: \$75,000/yr**

**Overtime available? Yes; especially during inclement weather events**

**Education: HS and Apprenticeship Math & Science Required? Yes Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? A 4-yr Registered Apprenticeship is required as well as certification on certain procedures and equipment.

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Job: **Customer Service Call Center**

Utility job? Yes

Where work is done: Inside, office

What kind of work: Takes calls from customers regarding billing and service.

Work Requirements: Required sit for long periods. Has knowledge of operations and billing. Able to interact with public in a courteous manner, must work quickly to resolve customer issues. Works under immediate supervision.

**Normal hours: Mostly M-F 8-5      Salary: \$35,000/yr.      Overtime available? Possibly;**

**Education:    HS      Math & Science Required? No      Degree Required? No**

Cost of education without scholarships: NA

Other Education Required? Certifications or classes on many software applications to record complaints and retrieve information for customer.

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Job: **Fleet Mechanic**

Utility job? Yes

Where work is done: In garage, outside in all kinds of weather

What kind of work: Repair and maintain vehicles and specialized equipment

Work Requirements: Required to stand and work in awkward or bent positions for extended periods, maintain awareness and attention to detail in observing environment and safety issues, provide service quickly so equipment may be put back in use.

**Normal hours: Mostly M-F 8-5      Salary: \$60,000/yr**

**Overtime available? Yes; especially during inclement weather events**

**Education:    HS or AA      Math & Science Required? Yes      Degree Required? Maybe**

Cost of education without scholarships: \$7,500 (does not include housing & transportation)

Other Education Required? Certifications for computer diagnostics, electrical propulsion and battery energy storage systems

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Job: **Drafting Technician**

Utility job? Yes

Where work is done: Inside, office

What kind of work: Creates working drawings and wiring diagrams.

Work Requirements: Required sit for long periods. Draw master sketches to scale. Provides CAD technical support and develops solutions for all application problems. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under immediate supervision.

**Normal hours: Mostly M-F 8-5      Salary: \$50,000/yr.      Overtime available? Possibly;**

**Education:    AA or BA      Math & Science Required? Yes      Degree Required? Yes**

Cost of education without scholarships range: \$7,000 to \$45,000 (does not include housing & transportation)

Other Education Required? Certifications or classes on software applications

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Job: **Welder** Utility job? Yes

Where work is done: In power plants

What kind of work: Repair and maintain vehicles and specialized equipment

Work Requirements: Required to stand and work in awkward or bent positions for extended periods, maintain awareness and attention to detail in observing environment and safety issues, provide service quickly so equipment may be put back in use. Knowledge of welding processes, materials and application.

**Normal hours: 24/7/365 Salary: \$70,000/yr. Overtime available? Yes**

**Education: HS and Apprenticeship Math & Science Required? Yes Degree Required? Possibly AA**

Cost of education without scholarships: \$7,500 (does not include housing & transportation)

Other Education Required? Completion of a Registered Apprenticeship. Certifications for certain materials

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Job: **Design Technician** Utility job? Yes

Where work is done: Inside-office, outside-field visits

What kind of work: Designs electrical systems projects to meet customer need.

Work Requirements: Required sit for long periods. Uses knowledge and judgment of electrical equipment, customer load and future development to plan and design electrical systems. Relies on experience and judgment to plan and execute projects. Meets with customers and works with other craftsmen. Works under immediate supervision.

**Normal hours: Mostly M-F 8-5 Salary: \$62,000/yr. Overtime available? Possibly;**

**Education: HS & Apprenticeship, AA or BA Math & Science Required? Yes**

Degree Required? Optional Cost of education without scholarships range: \$7,000 to \$45,000 (does not include housing & transportation)

Other Education Required? May require an apprenticeship or traineeship. Certifications or classes on software applications

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Job: **Plant Control Room Operator** Utility job? Yes

Where work is done: Inside - office

What kind of work: Regulates controls to maintain efficiencies and generation of electricity to match market/customer load demand.

Work Requirements: Required to sit for extended periods with little activity, maintain awareness and attention to detail in observing control readings. Must be able to respond quickly and act decisively to changes in load or efficiency.

**Normal hours: 24/7/365 rotating schedules Salary: \$91,000/yr. Overtime available? Possibly**

**Education: HS Traineeship Math & Science Required? Yes**

Degree Required? No Cost of education without scholarships: NA

Other Education Required? Certifications possibly

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Job: **Systems Security Specialist** Utility job? Yes Where work is done: Inside, office

What kind of work: Analyze information systems.

Work Requirements: Recommends and develops security measures to protect information against unauthorized modification or loss. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under immediate supervision.

**Normal hours: Mostly M-F 8-5 Salary: \$67,000/yr. Overtime available? Possibly;**

**Education: BA Math & Science Required? Yes Degree Required? Yes**

Cost of education without scholarships range: Approximately \$45,000 (does not include housing & transportation)

Other Education Required? Certifications or classes on software applications

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Job: **Environmental Specialist** Utility job? Yes

Where work is done: Office, in Plants and Field

What kind of work: Oversee environmental and regulatory activities.

Work Requirements: Required broad knowledge of environmental contaminants, remediation procedures, and government regulatory law and practices. Must work with government agency personnel including bureaucrats, scientists and procedural experts. Performs a variety of tasks including securing permits and responding to audits. Usually reports to manager or department head.

**Normal hours: Mostly M-F 8-5 Salary: \$77,000/yr Overtime available? No**

**Education: BA Math & Science Required? Yes Degree Required? Yes**

Cost of education without scholarships range: Approximately \$45,000 (does not include housing & transportation)

Other Education Required? Certifications or classes on environmental practices, policy and procedure

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Job: **Engineer - Power or Electrical** Utility job? Yes

Where work is done: Inside, office, some field work

What kind of work: Designs, tests, installs, and maintains large-scale electric generation, transmission or distribution and identifies equipment and materials needed for system construction.

Work Requirements: Required sit for long periods. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required.

**Normal hours: Mostly M-F 8-5 Salary: \$80,000/yr. Overtime available? Possibly;**

**Education: BA or MS Math & Science Required? Yes Degree Required? Yes**

Cost of education without scholarships range: Approximately \$45,000 (does not include housing & transportation)

Other Education Required? PE license and/or other certifications or classes

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**Job: Plant Operator - Coal Equipment**                      Utility job? Yes  
Where work is done: In power plants, outside  
What kind of work: Move & load coal using specialized equipment  
Work Requirements: Required to stand or sit in a confined space with possible exposure to elements for long periods. Concentration and attention to detail and safety necessary, provide coal to plant to maintain generation of electricity.  
**Normal hours: 24/7/365**      **Salary: \$76,000/yr.**      **Overtime available? Possibly**  
**Education: HS and Apprenticeship**      **Math & Science Required? Yes**      **Degree Required? No**  
Cost of education without scholarships: NA  
Other Education Required? May require an apprenticeship or traineeship. Certifications for certain equipment or materials

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**Job: Safety Specialist**                      Utility job? Yes  
Where work is done: Inside-office, outside-field and plants  
What kind of work: Responsible for an organization's safety programs. Helps develop, implement, monitor, and manage safety programs, policies, and procedures.  
Work Requirements: Ensures compliance with regulations, evaluates procedures, facilities and equipment to identify unsafe conditions that need improvement. Identifies hazardous working conditions and makes adjustments to safeguard employee health. Recommends safety equipment, maintains safety & accident records. Familiar with standard concepts, practices, and procedures within a particular field. Works under general supervision with a degree of creativity and latitude. Typically reports to a head of a unit/department.  
**Normal hours: 24/7/365**      **Salary: \$77,000/yr**      **Overtime available? Yes**  
**Education: AA or BA**      **Math & Science Required? Yes**      **Degree Required? Optional**  
Cost of education without scholarships range: \$7,000 to \$45,000 (does not include housing & transportation)  
Other Education Required? Experience in craft apprenticeships or traineeships helpful. Certifications or classes on safety procedures and processes

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**Job: Hairdresser/Hair Stylist**                      Utility job? No                      Where work is done: Inside  
What kind of work: Specializes in care and styling hair using latest styles and instructions of customer.  
Work Requirements: Required to stand for extended periods, maintain awareness and attention to detail when working with sharp objects and chemicals, able to interact with public in a courteous manner. . Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision.  
**Normal hours: 7 days, 9 to 9 schedule may rotate.**                      **Salary: \$27,000/yr.**  
**Overtime available? Possibly**      **Education: HS and Apprenticeship**      **Math & Science Required? Yes**  
**Degree Required? No**                      Cost of education without scholarships: NA  
Other Education Required? May require an apprenticeship or traineeship of 2-4 years.

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