

Job Title & Description	Entry Wage	Med. Wage	Exp. Wage	Holland Code	Education Required	Available Local Education
<b>Soil &amp; Plant Scientists</b> Conduct research in breeding, physiology, production, yield and management of crops and agricultural plants or trees, shrubs and nursery stock. Study the chemical, physical, biological and mineralogical composition of soils as they relate to plant or crop growth.	\$40,210	\$60,820	\$71,120	CRIAS	Bachelor's	CCCC Colby DCCC ESU FHSU  Highland K-State KU Washburn

## Architecture & Construction

Jobs related to designing, planning, managing, building and maintaining buildings and other structures.

Job Title & Description	Entry Wage	Med. Wage	Exp. Wage	Holland Code	Education Required	Available Local Education
<b>Architects (Except Landscape &amp; Naval)</b> Plan and design structures, such as private residences, office buildings, theatres, factories and other structural property.	\$44,540	\$75,090	\$90,370	RIAE	Bachelor's	Benedictine K-State KU  KWU PSU
<b>Architectural &amp; Civil Drafters</b> Prepare detailed drawings of architectural and structural features of buildings, or prepare drawings and topographical relief maps used in civil engineering projects such as highways, bridges and public works.	\$41,190	\$55,750	\$63,020	CRIA	Associate's	Benedictine K-State KCKCC KU MATC  PSU SATC SCCC Washburn WSU Tech
<b>Architectural &amp; Engineering Managers</b> Plan, direct or coordinate activities in such fields as architecture and engineering or research and development in these fields.	\$96,840	\$133,560	\$151,910	CRIE	Bachelor's	N/A
<b>Brickmasons &amp; Blockmasons</b> Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block and terra-cotta block, with mortar and other substances to construct or repair walls, partitions, arches, sewers and other structures.	\$43,220	\$63,110	\$73,050	CRIA	Certificate	N/A
<b>Carpenters</b> Perform various building jobs from home buildings to large commercial projects.	\$29,070	\$42,670	\$49,480	CR	Certificate	Butler Fort Scott MATC NKTC  PSU Washburn WSU Tech
<b>Carpet Installers</b> Lay and install carpet from rolls or blocks on floors. Install padding and trim flooring materials.	\$33,710	\$44,850	\$50,370	CRE	Certificate	KU
<b>Cartographers &amp; Photogrammetrists</b> Collect, analyze and interpret geographic information provided by geodetic surveys, aerial photographs and satellite data. Research, study and prepare maps and other spatial data in digital or graphic form for legal, social, political, educational and design purposes.	\$37,700	\$59,640	\$70,610	CRIA	Bachelor's	K-State KU
<b>Cement Masons &amp; Concrete Finishers</b> Mix, place and finish concrete for various construction projects.	\$28,810	\$43,970	\$51,550	CRE	H.S. Diploma	N/A
<b>Construction &amp; Building Inspectors</b> Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes and other regulations.	\$32,850	\$52,170	\$61,840	CRIE	Some College	Butler K-State KU PSU

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<b>Construction Managers</b> Plan, direct, coordinate or budget, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities and systems.	\$32,850	\$52,170	\$61,840	CRE	Bachelor's	<b>Butler</b> FHSU JCCC <b>K-State</b>  <b>KU</b> PSU WSU Tech
<b>Construction Trades Workers</b> Perform routine physical labor at building sites. Supply tools, materials and equipment to other craft workers.	\$24,550	\$32,690	\$41,000	CR	Certificate	<b>Butler</b> Coffeyville <b>DCCC</b> FHSU Fort Scott Hutch <b>Highland</b>  <b>KU</b> MATC NCKTC <b>PSU</b> SATC WSU Tech
<b>Cost Estimators</b> Prepare cost estimates for product manufacturing, construction projects or services to aid management in bidding on or determining price of product or service.	\$44,020	\$66,780	\$78,150	CRIE	Bachelor's	<b>K-State</b> <b>KU</b> <b>PSU</b>
<b>Electricians</b> Install and maintain electrical systems including climate control, security and communications.	\$34,220	\$54,750	\$65,020	CRIE	Certificate	<b>Butler</b> <b>Highland</b> Hutch JCCC <b>K-State</b> <b>KU</b>  MATC NKTC NCKTC <b>PSU</b> SATC
<b>Environmental Engineering Technicians</b> Apply theory and principles of environmental engineering to modify, test and operate equipment and devices used in the prevention, control and remediation of environmental problems, including waste treatment and site remediation, under the direction of engineering staff or scientist.	\$35,740	\$51,600	\$59,530	CRIE	Bachelor's	FHSU Fort Scott <b>KU</b>
<b>Excavating &amp; Loading Machine &amp; Dragline Operators</b> Operate or tend machinery equipped with scoops, shovels or buckets, to excavate and load loose materials.	\$34,290	\$49,120	\$56,540	R	H.S. Diploma	N/A
<b>First-Line Supervisors of Construction Trades &amp; Extraction Workers</b> Directly supervise and coordinate activities of construction or extraction workers.	\$44,710	\$64,710	\$74,700	CRE	Some College	<b>Butler</b> <b>DCCC</b> WSU Tech
<b>Floor Layers (Except Carpet, Wood &amp; Hard Tiles)</b> Apply blocks, strips or sheets of shock-absorbing, sound-deadening or decorative coverings to floors.	\$37,710	\$58,310	\$68,610	CRI	H.S. Diploma	WSU Tech
<b>Heating, Ventilation, Air Conditioning &amp; Refrigeration (HVAC) Mechanics &amp; Installers</b> Install and repair heating, central air conditioning or refrigeration units.	\$36,650	\$54,020	\$62,710	CRIE	Certificate	Fort Scott <b>Highland</b> JCCC MATC NCCC  NKTC SATC SCCC <b>Washburn</b> WSU Tech
<b>Maintenance &amp; Repair Workers</b> Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment or the structure of an establishment in repair.	\$24,150	\$38,230	\$45,270	CRI	H.S. Diploma	FHTC WSU Tech

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<b>Mechanical Drafters</b> Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods and other engineering information.	\$38,210	\$52,310	\$59,360	CRIA	Associate's	<b>Butler</b> <b>FHSU</b> <b>Highland</b>  <b>K-State</b> <b>Washburn</b> WSU Tech
<b>Operating Engineers &amp; Other Construction Equipment Operators</b> Drive, maneuver or control the heavy machinery used to construct roads, bridges, buildings and other structures.	\$29,680	\$42,440	\$48,810	CRI	Certificate	<b>KU</b> <b>Washburn</b>
<b>Painters, Construction &amp; Maintenance Workers</b> Apply paint, stain, varnish and other finishes to buildings and other structures.	\$26,170	\$38,760	\$45,060	CR	Certificate	<b>FHSU</b> <b>Highland</b> <b>K-State</b> WSU Tech
<b>Plumbers, Pipe Layers, Pipe Fitters &amp; Steam Fitters</b> Build and repair the drinking water, waste disposal, drainage and gas systems in homes or buildings.	\$35,070	\$56,810	\$67,680	CRI	Certificate	<b>Butler</b>
<b>Roofers</b> Install and repair roofs made of various materials.	\$30,930	\$42,280	\$47,960	CR	Certificate	<b>FHSU</b> WSU Tech
<b>Sheet Metal Workers</b> Measure, cut, bend, shape and fasten sheet metal to various products.	\$27,940	\$48,860	\$59,320	R	Certificate	<b>Butler</b> <b>FHSU</b> <b>JCCC</b> WSU Tech
<b>Structural Iron &amp; Steel Workers</b> Raise, place and unite iron or steel girders, columns and other structural members to form completed structures or structural frameworks.	\$32,610	\$44,380	\$50,260	CRI	Certificate	<b>FHSU</b>
<b>Surveyors</b> Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation or dimension of land or land features on or near the earth's surface.	\$36,900	\$57,090	\$67,180	CRIA	Bachelor's	<b>FHSU</b>
<b>Tree Trimmers &amp; Pruners</b> Using sophisticated climbing and rigging techniques, cut away dead or excess branches from trees or shrubs to maintain right-of-way for roads, sidewalks or utilities, or to improve appearance, health and value of tree.	\$30,440	\$39,190	\$43,560	R	H.S. Diploma	N/A
<b>Welders, Cutters, Solderers &amp; Brazers</b> Use hand-welding or flame-cutting equipment to weld or join metal components or to fill holes, indentations or seams of fabricated metal products.	\$32,150	\$43,710	\$49,490	CR	Certificate	<b>Butler</b> Coffeyville Cowley <b>DCCC</b> <b>FHSU</b> Fort Scott <b>GCCC</b> <b>Highland</b> Hutch  <b>JCCC</b> <b>Labette</b> <b>MATC</b> <b>NKTC</b> <b>NCKTC</b> <b>SATC</b> <b>SCCC</b> <b>Washburn</b> WSU Tech
<b>Welding, Soldering &amp; Brazing Machine Setters, Operators &amp; Tenders</b> Set up, operate or tend welding, soldering or brazing machines or robots that weld, braze, solder or heat treat metal products, components or assemblies. Includes workers who operate laser cutters or laser-beam machines.	\$26,690	\$35,030	\$39,200	CRIE	Certificate	<b>Butler</b> Coffeyville Cowley <b>DCCC</b> <b>FHTC</b> <b>FHSU</b> Fort Scott <b>GCCC</b> <b>Highland</b> Hutch  <b>JCCC</b> <b>Labette</b> <b>MATC</b> <b>NKTC</b> <b>NCKTC</b> <b>SATC</b> <b>SCCC</b> <b>Washburn</b> WSU Tech