

## Architecture & Construction

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

Job Title & Description	Annual Wage Entry Level	Annual Wage Median	Annual Wage Experienced	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.	\$45,026	\$64,280	\$82,048	Bachelor's	Allen CC CCCKS K-State KU
<b>Architectural and 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.	\$31,915	\$45,292	\$54,312	Associate's	K-State SCCCC Washburn WSU Tech
<b>Architectural and Engineering Managers</b> Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields.	\$84,894	\$114,534	\$137,566	Bachelor's	Allen CC BCCC Colby DCCC Flint Hills Tech
<b>Brickmasons and 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.	\$40,881	\$48,996	\$57,167	Certificate	Fort Scott NCKTC
<b>Carpenters</b> Perform various building jobs from home buildings to large commercial projects.	\$28,753	\$38,586	\$48,376	Certificate	Butler Coffeyville Fort Scott Highland CC Hutch CC KCKCC MATC Washburn WSU Tech WU Tech
<b>Carpet Installers</b> Lay and install carpet from rolls or blocks on floors. Install padding and trim flooring materials.	\$21,152	\$45,873	\$55,705	Certificate	WSU Tech WU Tech
<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.	\$37,248	\$48,964	\$55,279	Bachelor's	NCKTC
<b>Cement Masons</b> Mix, place, and finish concrete for various construction projects.	\$28,324	\$38,452	\$46,464	Certificate	N/A
<b>Construction and Building Inspectors</b> Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations.	\$39,766	\$51,764	\$62,433	Some College	Butler K-State
<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.	\$52,366	\$77,225	\$97,369	Bachelor's	Allen CC Baker BCCC Butler K-State
<b>Construction Trades Workers</b> Perform routine physical labor at building sites. Supply tools, materials and equipment to other craft workers.	\$27,153	\$38,496	\$50,574	Certificate	Butler Fort Scott Highland CC K-State WSU Tech WU Tech

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<b>Electricians</b> Install and maintain electrical systems including climate control, security, and communications.	\$37,193	\$52,408	\$64,142	Certificate	Butler Coffeyville Flint Hills Tech Highland CC Hutch CC JCCC KCKCC K-State NCKTC NKTC Washburn WU Tech
<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.	\$28,763	\$43,008	\$48,506	Bachelor's	Allen CC Baker BCCC K-State Ottawa
<b>Excavating and Loading Machine and Dragline Operators</b> Operate or tend machinery equipped with scoops, shovels, or buckets, to excavate and load loose materials.	\$32,933	\$38,820	\$45,619	Certificate	N/A
<b>First-Line Supervisors of Construction Trades and Extraction Workers</b> Directly supervise and coordinate activities of construction or extraction workers.	\$40,646	\$58,036	\$72,689	Some College	Allen CC Butler Coffeyville Flint Hills Tech K-State WSU Tech
<b>Floor Layers, Except Carpet, Wood, and Hard Tiles</b> Apply blocks, strips, or sheets of shock-absorbing, sound-deadening or decorative coverings to floors.	\$27,329	\$32,034	\$41,016	H.S. Diploma	WU Tech WSU Tech
<b>Heating, Air Conditioning and Refrigeration (HVAC) Mechanics and Installers</b> Install and repair heating, central air conditioning, or refrigeration units.	\$33,865	\$45,972	\$56,985	Certificate	Fort Scott Highland CC Hutch CC JCCC KCKCC MATC SCCC Washburn WSU Tech WU Tech
<b>Mechanical Drafters</b> Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.	\$33,178	\$47,804	\$58,286	Associate's	Butler GCCC Hutch K-State Washburn WSU Tech
<b>Operating Engineers and Other Construction Equipment Operators</b> Drive, maneuver, or control the heavy machinery used to construct roads, bridges, buildings, and other structures.	\$29,091	\$36,950	\$46,714	Certificate	NCKTC WU Tech
<b>Painters, Construction and Maintenance Workers</b> Apply paint, stain, varnish, and other finishes to buildings and other structures.	\$25,956	\$36,116	\$43,687	Certificate	WU Tech
<b>Plumbers, Pipe Layers, Pipe Fitters and Steam Fitters</b> Build and repair the drinking water, waste disposal, drainage, and gas systems in homes or buildings.	\$31,461	\$46,479	\$60,892	Certificate	Butler Highland CC
<b>Rock Splitter, Quarry</b> Separate blocks of rough dimension stone from quarry mass using jackhammer and wedges.	\$24,087	\$32,116	\$37,452	Less than High School	N/A
<b>Roofers</b> Install and repair roofs made of various materials.	\$25,198	\$33,589	\$44,217	Certificate	WSU Tech

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<b>Sheet Metal Workers</b> Measure, cut, bend, shape, and fasten sheet metal to various products.	\$28,715	\$43,677	\$61,456	Certificate	Butler WSU Tech
<b>Structural Iron and Steel Workers</b> Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks.	\$31,484	\$39,354	\$50,748	Certificate	Washburn WSU Tech
<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.	\$38,970	\$52,807	\$63,406	Bachelor's	K-State
<b>Tree Trimmers and 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.	\$27,958	\$30,156	\$39,254	H.S. Diploma	N/A
<b>Welders, Cutters, Solderers, and 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.	\$29,640	\$38,516	\$48,514	Certificate	Butler Coffeyville Cowley DCCC Flint Hills Tech Fort Scott GCCC Highland CC Hutch CC SCCC Washburn WSU Tech WU Tech
<b>Welding, Soldering, and Brazing Machine Setters, Operators, and 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.	\$25,296	\$35,850	\$40,684	Certificate	Butler Coffeyville Cowley County DCCC Flint Hills Tech Fort Scott GCCC Highland CC Hutch CC SCCC Washburn WSU Tech WU Tech