

EDITED KSAPC LISTING

CLASSIFICATION: Carpenter II, Correctional Facility

NOTE: Each position within this classification may perform some or all of these KSAPCs.

KSAPC Statements	
Knowledge of:	
K1.	Comprehensive knowledge of the principles used in carpentry (e.g., mathematics, measurements, etc), in order to accurately read blueprint and schematic.
K2.	Comprehensive knowledge of the methods used in carpentry (e.g., Uniform Building Codes, operational manuals, Code of Safe Practice, etc.) to ensure project are completed according to specifications.
K3.	Comprehensive knowledge of the materials used in carpentry (e.g., lumber grades, nail, fasteners, concrete specifications, etc.) to ensure the quality of products used meets industry standards.
K4.	Comprehensive knowledge of the tools used in carpentry (e.g., skill saw, rotary hammers, drill press, etc.) to ensure safe operational practices.
K5.	Comprehensive knowledge of the equipment used in carpentry (e.g., scaffolding, trencher, scissor lifts, etc.) in order to safely perform daily duties as the job requires.
K6.	Comprehensive knowledge of the Safety Orders of the Division of Industrial Safety applicable to carpentry (e.g., Cal-OSHA, Title 8, SB 198, etc.) to ensure the safety and welfare of staff and inmates.
K7.	Comprehensive knowledge of the Safety Orders of the Division of Industrial Safety applicable to building codes (e.g., UBC, Code of Safe Practices, IIPP, etc.) to ensure compliance with federal and state guidelines.

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KSAPC Statements	
Ability to:	
A1.	Communicate effectively at a level appropriate for the classification in order to follow instructions, provide accurate information and directions to maintain effective working relationships with individuals.
A2.	Accurately read and/or interpret plans (blueprints), to complete assignments in a safe and effective manner.
A3.	Recognize lumber, plywood grades, and other building materials in order to ensure compliance with building code and job requirements.
A4.	Accurately maintain records and reports to provide information to comply with departmental policies and regulations.
A5.	Prepare rough sketches, drawings and specifications of carpentry work to relay information to other crafts people, tradesmen and helpers.
A6.	Estimate cost to determine and calculate necessary labor and materials, to provide information, plan and complete work orders, and other various institutional needs for the purpose of completing work assignments in a timely manner.
A7.	Train unskilled workers on the safe, proper use of equipment/tools during the performance of daily assignments.
A8.	Coordinate the work of an unskilled work crew to ensure proper completion of work in compliance with codes and regulations.
A9.	Follow oral and written instructions in order to effectively complete assignments given by supervisor and/or peers.

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KSAPC Statements	
Skill to:	
S1.	Effectively layout, construct rough and finishing carpentry assignments, utilizing the equipment associated with the trade (i.e. hand tools, power tool etc.) to complete assignments in a safe and effective manner.
S2.	Accurately form, pour, and finish concrete, utilizing the necessary masonry tools to complete assignment in a safe and effective manner.
S3.	Lift and/or setup heavy materials and equipment in order to complete work assignments.

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KSAPC Statements	
<i>Physical Characteristics:</i>	
PC1.	Must be reasonably expected to have and maintain physical strength, agility, and endurance to perform during stressful (physical, mental, and emotional) situations encountered on the job without compromising their health and well-being and that of their peers and inmates.