

WAGE GRADE CAREER PATH

WG 4616

PATTERNMAKER

This occupation covers nonsupervisory work which involves planning, laying out, and constructing patterns and core boxes used in forming molds for castings of ferrous and nonferrous metals and other substances. The patterns and core boxes are made from a variety of materials such as wood, wood products, and wood substitutes.

Journeyman

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| | 1 | Continue required on-the-job and formal classroom training required in Civilian Training Plan |
| | 2 | Complete task qualifications for current position |
| | 3 | Complete task certifications for current position |
| | 4 | Master common to complex work tasks. At Grade 14, patternmakers plan, lay out, and perform machine operations and benchwork to construct, alter, and repair three-dimensional patterns and core boxes with unusual contours and a variety of irregular shapes and interrelated dimensions. They assume responsibility for the quality of workmanship, the accuracy of contours and dimensions, and the construction processes from initial assignment to the completion of the project. They coordinate with foundry workers and machinists on unusual problems which will complicate the casting or machining processes. A shop supervisor establishes priorities, but the Grade 14 patternmakers organize their work methods according to their own plan. |
| | 5 | Provide production support services |
| | 6 | Maintain successful to above average performance ratings |

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