

Mechanical Technician: Mechanical Technician I

Performs a variety of duties assisting mechanical engineers in the development of mechanical and electro-mechanical engineering designs, tests, fabrications, modifications, assemblies and components. Drafts detailed drawings for fabrication. Devises, fabricates and assembles new or modified mechanical components or assemblies. Sets up and tests complete prototype units and subassemblies under operational conditions. Analyzes data and recommends modifications to components or test procedure to meet desired specifications.

Knowledge

Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.

Supervision Received

Close supervision involving detailed instructions and constant checking on work performance.

Consequence of Errors

Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.

Contacts

Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation.

Work Products (Examples may include but are not limited to)

Perform general mechanical assembly assignments and electrical assy build including cables, test fixtures and Engineering Prototype CCA's. Can perform simple troubleshooting tasks. Must be proficient with soldering equipment, general hand tools and electronic troubleshooting tools.

Minimum Education and Experience

High school diploma and an Associates degree (EE or EET preferred).