



Example of Tool Designer Job Description

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Our company is growing rapidly and is hiring for a tool designer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for tool designer

- Candidate will use 3D Computer Aided Design (CAD) system with considerable experience in Top Down design work for complex 3D engineering models and components
- Creates Printed Circuit Board (PCB) fabrication drawings, plan PCB projects and create electronic schematic diagrams
- Understanding, performing, and verifying Drafter duties with minimal guidance
- Communicating with Tech
- Must maintain a thorough knowledge of CAD including record maintenance, directory set-ups, and training assistance
- Must maintain a high level of technical tooling and fixture knowledge
- Works with other disciplines, such as mechanical, electrical, and process, to coordinate design needs for tool install packages, working independently to put together structural drawings to meet client needs
- Conducts field investigations as needed to verify existing conditions
- Manages and incorporates electronic redlines from the Structural Engineer using established workflows
- Takes complete ownership of their portion of the structural scope, reliably working to meet schedule, budget, and quality requirements

Qualifications for tool designer

- Procure all materials needed to complete projects model shop tools and supplies
- Bachelors degree in Mechanical Engineering or related Engineering Discipline required
- Minimum two years of applicable experience required
- Associates degree or equivalent experience in tooling/fixture design or mechanical design