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# Example of Components Engineer Job Description

Our innovative and growing company is looking to fill the role of components engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for components engineer

* Develop specifications, prints and/or testing requirements for steering technologies
* Root cause issues related to mechanical HW and/or system integration
* Define and implement advanced functionality on electromechanical/hydraulic steering technology
* Develop and analyze complex stacks
* Design, develop and innovate electromechanical and/or hydraulic steering technologies
* Develop FMA documentation (DFMEA, PFMEA, Control Plans)
* Knowledge of GD&T, reading and developing prints
* Troubleshooting experience (8D) or 5 Whys
* Complex system integration experience or detailed component design
* Need to write presentations and communicate well with various groups

## Qualifications for components engineer

* Ability to interpret Drawings/CAD and CAE reports Knowledge of GD&T, process capability and Variation Simulation Analysis
* Background in automatic transmission function and component design experience preferred
* Knowledge of GD&T and process capability analysis preferred
* Three year of experience in the design of gasoline ignition system components or other electrical automotive components
* Ability and initiative to analyze and solve problems
* Flexibility in dealing with new/emerging systems