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VACANCY

Job Title

Design Engineer in Training (3 positions available)

Department

Engineering

Internal/External

Internal and External Applications will be accepted

Availability

5 January 2015

Type of contract

Permanent with a 3 month probation period

Salary

To be negotiated with the successful candidate

Education

B Eng – Mechanical Engineering or equivalent

Experience and Knowledge

No previous working experience required

Must have knowledge of vehicle engineering or mechanical structures

Job Description

1. Perform concept design, calculations and layouts of new designs.
2. Evaluate Finite Element simulations.
3. Prepare Solid Models of components; sub-assemblies and assemblies, using the LMT file structure guidelines and number protocol.
4. Prepare concept layouts of design concepts, using own design initiative and incorporating the inputs of members of the design team, with input from the team leader.
5. Prepare detail layout and manufacturing drawings of components and assemblies.
6. Ensure correct drawing standards are used.
7. Follow the development procedures as described in the quality manual, ensuring that the relevant reviews and procedures are completed, in order to reduce design risk.

8. Assist during the building and testing of prototypes, ensuring that closed loop feedback can take place during the design process.
9. Communicate with manufacturing contractors, to ensure the flow of information during prototyping and production.
10. Communicate and incorporate inputs from the test and analysis departments during the design process.
11. Include the test and analysis department to perform analysis and tests to complete the design cycle.
12. Ensure that projects are executed according to the time and budget targets, set by the Design team leader.
13. Responsible for the technical integrity of the design.
14. Keep up to date with new trends in the automotive and military field, by reading technical papers and documents, as supplied.

Application

Should you meet the requirements and wish to apply for the position, please send your CV, copy of ID and copies of qualifications to hr@lmt.co.za on or before the closing date.

Closing Date

25 November 2014

Should you not receive any correspondence 2 weeks after the closing date, please consider your application unsuccessful.