



AEROMOBIL

JOB DESCRIPTION

Design Engineer

REPORTING TO: CHIEF ENGINEER

Job Purpose

A member of the design engineering team which contributes to the overall success of the organisation by carrying out vehicle & system design and engineering specification activities for the organisation.

We are looking for several Design Engineers for the following functional areas:

- Body structures
- Chassis
- Actuation & Mechanics
- Electronics
- Interior
- Parachute systems & Crash structure
- Passive safety

Primary Duties and Responsibilities

Performing a wide range of duties including some or all of the following:

Engineering

- Creation of engineering designs in 2D & 3D.
- Providing data and assisting in the creation of all departmental component and system specifications.
- Play a part in the construction and verification program.
- Coordinate the construction of component and system FMEA documentation.
- Coordinate the creation of engineering reports and technical summary presentations.
- Assist in the construction and continuous maintenance of Bill of Material and PDM data
- Assist in the construction and planning of departmental development plans and legislation compliance plans.

System based vehicle optimisation

- Work within the departmental team in the optimisation and specification of all engineering systems and components in line with the business goals and project targets.

Vehicle Cost Coordination

- Support the Chief Engineer in the preparation and presentation budgetary and forecast information for component and systems material costs and investment costs.

Engineering Timing Coordination and Management

- Work with Chief Engineer to plan all engineering activities in line with business milestones, maintaining accurate component and tooling lead times for each component/system and ensuring timely release of all designs to meet the project goals.

Qualifications

Education

- University degree in an advanced engineering discipline preferably one relating the aerospace sector or automotive sector

Professional designation

- Candidate should consider continuing professional development and preferably should have a plan to achieve charter-ship/ accreditation.

Experience, Personal Qualities, Knowledge, skills and abilities – See Annex A

Proficiency in the use of computer programs for

- CATIA V5 or V6 / NX engineering design tools
- Word processing, Databases, Spreadsheets, E-mail, Internet

Working Conditions

- Working in an office, development workshop and production facility environment
- Usually working a standard work week but can be asked to work longer hours when timing requires as well as working at partner facilities during periods no longer than 1 consecutive calendar month.

Other Information

- Compensation package: negotiable depending on candidate skills and knowledge.