



Mechanical Engineer

Inovor Technologies is looking for a driven, highly capable Mechanical Engineer to support our satellite development programs.

Role Description

The role will include working in a small multi-disciplinary team to develop complete satellites for different missions. The successful candidate will be responsible for all aspects related to the mechanical design of spacecraft; including CAD modelling of structures and mechanisms, thermal and modal analyses, preparation of manufacturing drawings, hardware integration and test, and the preparation of documents to support the assurance processes. The successful candidate will also be required to support bid development and conceptual design studies so requires good written communication and presentation skills.

Skills and Experience - Essential

A degree in Engineering or Science

Excellent conceptual design skills and the ability to think outside the box

Experience in mechanical design

A good understanding of Systems Engineering and Systems thinking

Experience in thermal analysis

Experience in structural FEA, including random, sinusoidal and shock loading (preferably NASTRAN or ANSYS)

Experience using CAD packages to develop complex multi-part assemblies (preferably Autodesk Inventor)

Ability to work in interdisciplinary teams

Experience with configuration management systems

Excellent written communications skills

Skills and Experience - Preferred

Experience in materials science

Experience in space projects

Experience in Defence projects

Experience working with standards (ECSS, ISO, GSF)

Experience in bid development and proposal writing

Eligible for an Australian security clearance

Company profile

Inovor Technologies (www.inovor.com.au) is a space and defence company located in Adelaide, Australia with 14 employees. We provide services to Defence in several key areas, including electronic warfare, simulation and modelling and space surveillance. We also develop satellite technologies and are building several spacecraft for civilian and defence projects. Inovor Technologies has developed a family of small satellite platforms that we use to build space missions and provide a complete turnkey satellite mission solution from mission design, to spacecraft design, manufacture, integration, test, delivery and operations.

Applying for this position:

Please forward your resume with a covering letter addressing the Essential Skills and Experience Criteria, along with your salary expectations.

Submit your Application via email to

careers@inovor.com

Applications closing on 23rd May 2019 at 5:00pm (ACST)