



ESIME Ticomán
BOLSA DE TRABAJO 2012
REQUISITOS DEL PUESTO



FECHA DE RECEPCIÓN

BT-74

15 ago 2012

FECHA DE PUBLICACIÓN

21 ago 2012

NOMBRE DE LA EMPRESA	UTC Aerospace Systems
DIRECCIÓN	Venustiano Carranza no. 238-D Desarrollo Industrial Colorado Mexicali, B.C.
RESPONSABLE:	Lic. Juan Almiray HR Representative,
TEL (S) / FAX:	686 904 7932
PUESTO SOLICITADO:	Design Engineers level V

NOTA A EGRESADOS

Position Purpose/Objective

Originates and develops the design of functional systems and assemblies for application in company products. Working conformity to pre-established design parameters. Resolves design problems of complex scope. Conducts routine analyses to develop options or recommendations for company products. Provides limited direction to others in support of achieving company goals and objectives. May participate in new program proposals and/or lean manufacturing or engineering activities.

Essential Responsibilities

Perform detailed design work, assembly layout, systems engineering, configuration control, creating drawings and model based definition using Catia v5 within Enovia, release engineering, writing manuals, technical support and other related responsibilities, including but not limited to: Formulate designs for component parts and assemblies for application for aerospace products. Working conformity to pre-establish design parameters. Release data models through PDM system Direct others in the structural and system design of large nacelle components and prototypes. Will support preparation of new business proposals. As a team lead, you will review others work for accuracy, including the form, fit and function of a component design.

Prepare 3D models and direct the preparation of 2D engineering drawings to define aircraft nacelle structures for static and flight test demonstration.

Presentation of design concepts to management and customers.

Will lead lean events.

Resolve design problems of complex scope.

Conduct analyses to develop options or recommendations for company products.

May act as a small team lead in support of component or sub-component design.

Serve as an expert resource for other Engineers.

Experience Required

- Bachelor's degree in Engineering or equivalent related degree with 10+ years or MS and 8+ years of relevant experience
- Design experience of lightweight structures using CATIA V5 is required. Pro-E, or Solidworks or Unigraphics may be acceptable alternates. A minimum of 2,000 hours is required.
- Experience in a product development teams with engine / airframe companies is highly desired
- Experience with aerospace engineering, including conceptual design through to detail and assembly design, including cost, functionality and performance
- Experience with aircraft primary structures or nacelle structures preferred.
- Experience designing composite structures; high temperature metallic structures preferred.

Skills Required:

• Must be able to work effectively in a team environment. Excellent communication skills and ability to communicate technical issues effectively to team and management; ability to create and deliver presentations.

• Must have extensive knowledge of Geometric Tolerancing, tolerancing studies, and tolerance stack ups.

• Proficiency in MS Office Suite (PPT, Excel, Word, etc).

• Experience in design for assembly, design standards and material specifications. Knowledge of nacelle structures, Fibersim, MBD, Enovia, Team Center and engineering release process is highly desired

• Must be able to work effectively in a team environment.

• Excellent communication skills and ability to communicate technical issues effectively to team and management; ability to create and deliver presentations.

• Knowledge of FAA regulations, engineering principles, aerospace materials, and process specifications related to design is highly desired

• Prefer candidates with leadership experience

• Candidates must be able to communicate effectively in English, both verbally and in writing

• Candidates must have a current travel visa to enter the USA for training and event attendance purposes

INTERESADOS:
VACANTE CUBIERTA:

Interesados favor de enviar su CV a: mexicaliengjobs@utas.utc.com

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NO. DE EMPLEOS CAPTADOS EN ESTA BOLSA:
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NOTA: La persona que haya sido elegida para ocupar el puesto, favor de hacerlo saber a la Unidad Politécnica de Integración Social con el Ing. Javier Chávez González 5729 6000 Ext. 56059 y 56069, o al Email: jachavez@ipn.mx Lo anterior con la finalidad de tener un seguimiento de las vacantes que son ocupadas por los egresados de la carrera.