



**ESIME Ticomán
BOLSA DE TRABAJO 2012
REQUISITOS DEL PUESTO**

FECHA DE RECEPCIÓN

BT-73

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 IV

NOTA A EGRESADOS

Position Purpose/Objective

Formulates designs of component parts and assemblies for application in company products. Works to established design parameters. Resolves design problems of complex scope. Conducts analyses to develop options or recommendations for company products. Provides limited direction to others in support of achieving company goals and objectives. May serve as an expert resource for other engineers.

Essential Responsibilities

As a Senior Design Engineer, you'll apply your skills and expertise to resolve complex detail design problems; create drawings in Catia V5 within Enovia; release data models and engineering; and serve as an expert resource for other engineers.

Develop and present to internal and external customers though written, verbal and media presentations.

Serves as subject matter expert within our organization and understands impact on product metrics.

Designs components and sub-components hardware of the nacelle, and release data models through PDM system.

Leads design trades and evaluations of competing designs considering strength, weight, cost and producibility. Participate in Preliminary Design Reviews (PDR) and Critical Design Reviews (CDR), and Lean Events.

Works in a team-oriented environment, and effectively communicates technical issues to team and management.

Leads and participates in continuous improvement activities.

Once the product moves from development to production, responsibilities evolve to include: cost and weight reduction initiatives, resolution of production and field issues, Apollo root cause analysis, and reconciliation analysis of the nacelle components for aircraft/engine variants, load/flight envelope changes and design life extension.

With significant positions on ground-breaking new commercial programs, including the Boeing 787 Dreamliner, Airbus A350 XWB, Bombardier C-Series, Mitsubishi Regional Jet, and A320neo, and a unique culture that encourages collaboration, engagement and career development - Goodrich is the place to move your career to the next level.

Experience Required

- Bachelor's degree in engineering or equivalent related degree with 8+ years, or a Master's degree and 5+ 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 primary structures on an aircraft preferred. Knowledge of nacelle structures preferred.
- Experience designing composite structures; high temperature metallic structures preferred.

Skills Required:

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

SI	NO
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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.