

## **GNC Engineer**

### **DESCRIPTION**

The GNC Engineer is responsible for engineering analysis and design support for spacecraft Guidance, Navigation, and Control (GNC) subsystems. Includes analysis and simulation development of low to high bandwidth control systems, filters, analog and digital control systems, controls interactions, analytic geometry, dynamics, orbital mechanics. Also includes mechanism controls analysis.

### **Required Skills:**

- Ability to analyze and design control systems both analog and digital
- Ability to analyze and develop filters
- MATLAB, C and/or C++ experience, Microsoft Office
- Ability to create quality engineering presentation materials and presentations.

### **EXPERIENCE**

Minimum 1-5+ years of experience in control subsystem design and analysis.

### **REQUIREMENTS**

BS in Aerospace or Electrical Engineering. Master's degree preferred.

U.S. Citizen or permanent residency status required.

We are offer competitive pay, comprehensive benefits and company ownership.

### **REPLY TO:**

Please submit resume by e-mail (preferred), with job title in subject line, to [info@instarsat.com](mailto:info@instarsat.com), or by mail to: Careers, P.O. Box 3041, Durham, N.C. 27715-3041 Attn: GNC Engineer