



**Instruction Professional - Mid  
Geospatial Analysis Instructor**

<b>Location</b>	<b>Ft Belvoir, VA</b>		
<b>Clearance Level</b>	<b>TS/SCI (Current)</b>		
<b>Education</b>	<b>BS/BA degree in Geography, Geodetic Sciences, or GIS/GIS related field</b>	<b>Division</b>	<b>Intelligence Support</b>
<b>Experience</b>	<b>6 Years</b>	<b>Position Type</b>	<b>Full-time</b>
<b>Misc Requirements</b>	<b>REF: NH154</b>	<b>Work Shift</b>	<b>Monday-Friday</b>
		<b>Travel Required</b>	<b>25%</b>

**GENERAL JOB DESCRIPTION**

The National Geospatial Intelligence College (NGC) requires geospatial analysis (GA) instructors to develop and deliver basic, intermediate, and advanced geospatial analysis, geospatial intelligence, and remote sensor training to the National Geospatial Intelligence Agency (NGA) and the Intelligence Community (IC). These instructors work as part of a team of contract and government geospatial analysis and imagery instructors to combine the applications of Geographic Information Systems (GIS), Remotely Sensed Imagery (RSI), and other intelligence sources. They teach the application of GIS techniques and instruct on the theory, techniques, procedures, and sensors used to produce digital and hardcopy geospatial intelligence products from remotely sensed imagery. Duties include:

- Develop and revise GIS and RSI courses that are instructional systems design (ISD)-compliant. This effort includes the integration of multimedia course instructional materials, equipment, and non-traditional (NTM, MASINT) data into platform or web-based courseware.
- Work with NGA analysts and management to create new and forward-looking course curriculum to satisfy Geospatial Intelligence Analyst requirements.
- Management the classroom environment.
- Deliver and support mobile training team geospatial analysis training to external customers.

Instructors may be expected to make four to five trips per month to other government facilities in the Washington, DC area. Instructors may also make up to three CONUS trips per month and up to three trips to US DoD overseas sites per year in support of training requirements.

Upon hire, the candidate must successfully complete the 80-hour NGA College Instructor Training Course (ITC).



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### CANDIDATE REQUIREMENTS

#### Minimum skills and qualifications:

- BS/BA degree in Geography, Geodetic Sciences, or an RSI/GIS related field **or** at least six years of practical working experience in a relevant discipline.
- Geospatial-Intelligence production management experience.
- Experience as an instructor or trainer for small to medium sized groups.
- Detailed working knowledge of NGA, Department of Defense, Federal, and Commercial RSI/GIS data sources, databases, standards, and models (e.g. ArcGIS Model Maker).
- Working knowledge of the principles and applications of geographic information systems and digital image processing.
- Working knowledge of Instructional Systems Design (ISD).
- Excellent writing and briefing skills, including command of grammar and business communications style (i.e. the ability to convey ideas clearly and concisely).
- Experience with MS Office (Microsoft PowerPoint, Word, Excel, and Access) and associated software tools
- TS/SCI security clearance
- U.S. citizen

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### CANDIDATE REQUIREMENTS

#### **Desired skills and qualifications:**

- MS/MA degree in Geography, Geodetic Sciences, or an RSI/GIS related field.
- One year experience with national, theater, or airborne sensors.
- Knowledge of imagery theory and its applications pertaining to Advanced Geospatial Intelligence (AGI), including Synthetic Aperture Radar (SAR), thermal Infrared (TIR), multispectral imagery (MSI), and/or hyper spectral imagery (HSI) processing and analysis techniques and procedures
- Knowledge of typical geospatial and imagery analysis software, such as ArcGIS, SOCET SET, SOCKET GXP, Falcon View, NIMA Muse, GeoTrans, MapInfo, Remote View, Vitec Viper, and/or ENVI.
- Experience with ESRI's Internet Map Server and Spatial Database Engine.
- RSI/GIS programming experience (EML, Arc Objects, Visual Basic, and IDL).
- Working knowledge of photogram metric fundamentals in a digital environment.
- Experience in developing presentations, web-based tutorials, and geospatial applications
- Experience applying Instructional Systems Design (ISD) principles
- Certification as an instructor at a military or civilian education institution, including completion of the 80-hour NGA College Instructor Training Course (ITC) or equivalent formal instructor training course.

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