WORK ROLE: 16AD

WORKROLE TITLE: GEOINT Analyst (Photogrammetric Image Science)

WORKROLE DESCRIPTION:
GEOINT Analysts (Photogrammetric Image Science) apply advanced techniques to measure the precise dimensions or relative size of objects on imagery. This includes monoscopic, stereoscopic, overhead, handheld, or video imagery. They develop mensuration strategies, determine requirements, evaluate tools, and create customized methodologies and products to address a variety of geospatial intelligence problems.

ODNI CORE COMPETENCIES FOR ALL EMPLOYEES OF THE INTELLIGENCE COMMUNITY:

Adaptability	Build Professional/Tech Netwks	Continual Learning
Creative Thinking	Enterprise Perspective	Exploring Alternatives
Influencing/Negotiating	Information Sharing	Interpersonal Skills
Multi-media Communication	Oral Communication	Policy & Directives
Resource Management	Situational Awareness	Synthesis
Written Communication		

WORKROLE FUNCTIONAL COMPETENCIES:

Skills

Advising/Consulting	Analytical Innovation	Customer Rqmts & Service
Data Analysis	Data Preparation	Imaging System Diagnostics
Information Dissemination	Information Gathering & Resch	Methodological Continuity
Organizational Representation	Photogrammetric Mensuration	Prototyping
Quality Assurance	Scientific Exploit & Analysis	Scientific Image Manipulation
Special Collection Support	Technology Evaluation	Verification & Validation

Knowledges

Advanced Coll & Exploit Tchnqs	Analytical Prcss & Tchnqs	Collection & Tasking Prncpls
Data Evaluation Principles	GEOINT Doctrine	GIS Principles
Image Interpretation Prncpls	Imagery Access Sys & Libraries	Imagery Collection Strategies
Imagery Intelligence Products	Imagery Science Sys & Tools	Imagery Types
Intelligence Issues	NGA Org, Mission, & Vision	NGA Products & Services
Nat Intel Prior Frame (NIPF)	Phenomenology	Photogrammetry
Quantitative Modeling Tchnqs	Sensor Design Technologies	Sensor Fusion
Sensor Modalities	Software Test Prncpls & Prcds	Stat & Mathematical Tchnqs
Stereo Imagery Processing		

EDUCATION/LICENSES/CERTIFICATIONS:
A. Education: Bachelor's degree in Engineering, Imagery Science, Mathematics, Physical Science, or a related discipline. -OR- B. Combination of Education and Experience: A minimum of 24 semester (36 quarter) hours of coursework in any area listed in option A, plus experience that demonstrates the ability to successfully perform the duties associated with this work. As a rule, every 30 semester (45 quarter) hours of college work is equivalent to one year of experience. Candidates should show that their combination of education and experience totals 4 years.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS:

Distinguish principal colors and shades/hues of principal colors
Far visual acuity of 20/60 or better binocular with or without corrective
Near visual acuity of 20/20 or better with or without corrective lenses
Stereopsis ability