

DD-1601-0029

TERRAIN ANALYSIS WARRANT OFFICER CERTIFICATION

Course Number: 4N-215D.

Location: National Imagery and Mapping College, Fort Belvoir, VA.

Length: 12–13 weeks (446–447 hours).

Exhibit Dates: 2/90–11/07.

Learning Outcomes: Upon completion of the course, the student will describe the key concepts, systems, procedures, and organization involved in the production and use of geospatial information and services; describe the capabilities, attributes, and limitations of digital data types, including raster, vector, and matrix standards; and access, view, and produce hard copy products from digital data bases. The student will also be able to control geospatial information, manage and plan production, and employ complex operating systems.

Instruction: The course includes lecture, laboratory, and practical experience in geospatial information services, geographical digital data, geospatial information, remote sensing, and geographic information systems. The students receive an overview of remote sensing and geographic information systems; introduced to the technical concepts and application of the analysis, interpretation, function, and applications of spatial data. The course includes a review of terrain analysis and production management and administration.

Credit Recommendation: In the upper-division baccalaureate degree category, 3 semester hours in remote sensing, 3 in geographic information systems and cartographic techniques, and 3 in field experience in operations management (1/99)(1/99).

Related Occupations: 841A.