

DD-1601-0043

21Y40 GEOSPATIAL ENGINEER -SENIOR LEADER (GE-SLC)

Course Number: 491-406.

Location: The School of Geospatial-Intelligence, Fort Belvoir, VA.

Length: 7 weeks (253 hours).

Exhibit Dates: 10/09–Present.

Learning Outcomes: Upon completion of the course, the student will be able to extract geospatial data from a variety of sources, advise command and staff officers on geospatial operations, manage quality assurance; process and analyzes data; and provide field commanders with useful data for battle situations.

Instruction: Methods of instruction include audiovisual materials, case studies, classroom exercises, discussion, learner presentations, lecture, and practical exercises. General course topics include leadership, communications, geographic information systems, system networking, and database management.

Related Competencies: Advanced geographic information systems topics include attribute feature, cartographic representations, geographic information systems data, geographic information systems workflow, map grids, map topology, and terrain visualization.

Credit Recommendation: In the lower-division baccalaureate/associate degree category, 3 semester hours in management. In the upper-division baccalaureate degree category, 3 semester hours in advanced geographic information systems (9/10)(9/10).