

DD-1601-0023

4. BASIC GEODETIC SURVEY (BGS)

(Basic Geodetic Survey)

Course Number: 412-101; 412-101 (21S10); 21S.

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

Length: 14–15 weeks (505–529 hours).

Exhibit Dates: 12/05–Present.

Learning Outcomes: Upon completion of the course, the student will be able to establish geodetic ground control under supervision, for plain and geodetic surveys and theodolites; global positioning system satellite receivers; and scientific calculators and automated-integrated survey instruments.

Instruction: Instruction includes lectures, demonstrations, and field exercises in the operation of precise levels, electronic distance measuring devices, theodolites, satellite receivers, analytical photogrammetric positioning systems, recovery and installation of control points, and operation and use of a programmable calculator.

Credit Recommendation: In the lower-division baccalaureate/associate degree category, 5 semester hours in basic surveying and 2 in geodetic and control survey. In the upper-division baccalaureate degree category, 2 in surveying computations and adjustments (2/06)(5/08).