1. Course Title

Core GIS Hardware Technician

2. Identification Number (ID)

314

3. Purpose of the Course

To teach military and civilian personnel the fundamental knowledge required to configure, monitor, and troubleshoot the Blade Servers, Load Balancers and Storage Area Network that are part of the Core GIS system architecture.

4. Learning Objectives

Upon completion of the course, the qualified student will be able to:

- Carry out the physical installation and cabling of a Core GIS Server Rack.
- Describe the Blade Server technology and the available management tools.
- Describe the role of the load balancing devices as part of the Core GIS architecture and perform load balancer configuration and tuning.
- Carry out Storage Area Network basic configuration including Logical Units management, Storage Groups and fibre channel switch configuration (zoning)

5. Qualification

Core GIS Hardware Tech

6. Student Criteria

1. Meet the stated background knowledge prerequisites.

7. Rank

All ranks and grades that meet the assignment criteria.

8. Language Proficiency

According to STANAG 6001: English SLP 3232.

9. Security Clearance

The course is unclassified and open to NATO/PFP countries
### 10. Course Length

5 working days

### 11. Special Instructions

#### 12. Class Size
- Maximum
- Recommended
- Minimum

12/8/4

### 13. Nomination Procedures

[www.nciss.nato.int](http://www.nciss.nato.int)

### 14. Pre-course Study Material

### 15. Location

The course is conducted at the NATO Communications and Information Systems School (NCISS), Latina Italy.

### 16. Background Knowledge Prerequisites

Basic knowledge of computer hardware, operating systems, system administration and TCP/IP networking are required.