1. Course Title

Public Key Infrastructure Pre-study Course (PKI)

2. Identification Number (ID)

607

3. Purpose of the Course

This on-line course provides an overview of the Public Key Infrastructure.

4. Learning Objectives

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

- State what Cryptography and Digital Signature is.
- List the security requirements for information exchange.
- Comprehend principles and use of symmetric and asymmetric encryption.
- Identify the functionality of hash algorithm.
- Describe the verification and encryption process of the digital signature.
- List the digital signature security services.
- State the purpose and the function of a PKI.
- List the main components and architecture of PKI.
- Describe the process of secure data exchange.

5. Qualification

N/A

6. Student Criteria

N/A

7. Rank

N/A

8. Language Proficiency

According to STANAG 6001: English SLP 3232
9. Security Clearance

NATO UNCLASSIFIED

10. Course Length

2 Modules, approximately 2 hours

11. Special Instructions

Join to https://jadl.act.nato.int

12. Class Size

- Maximum
- Recommended
- Minimum

N/A

13. Nomination Procedures

See joining instructions and nomination procedure on www.nciss.nato.int

14. Pre-course Study Material

Not applicable

15. Location

Online https://jadl.act.nato.int/

16. Background Knowledge Prerequisites

N/A