

INT-3102 Cyberspace Operations

AREA: INTEGRATION

INTRODUCTION: This lesson exposes students to the information in Joint Publication 3-12, Cyberspace Operations. The lesson concentrates on cyberspace doctrine, specifically the organization of the Cyber Mission Force (CMF), the three cyberspace operations missions, command and control of cyberspace forces, the NotPetya case study, and other related cyber topics.

REQUIRED READING: None

SUGGESTED READING:

- Joint Publication 3-12, Cyberspace Operations, 8 June 2018: pages vii to xvii (Executive Summary), I-8 to I-11 (Cyberspace Operations Forces), and IV-11 to IV-18 (Command and Control of Cyberspace Forces).

PERIOD OBJECTIVE:

Comprehend the principles of military cyberspace operations.

SAMPLES OF BEHAVIOR:

- 1.1 Define the elements of the Cyber Mission Force (CMF) and the three military Cyberspace operations missions.
- 1.2 Analyze the issues surrounding command and control of cyberspace forces.

STUDENT ACTIVITIES: This information will be applied during the capstone exercise.

INT-3115 Cyberspace Threats

AREA: INTEGRATION

INTRODUCTION: This lesson exposes students to the information in Joint Publication 3-12, Cyberspace Operations. The lesson concentrates on cyberspace doctrine, specifically the organization of the Cyber Mission Force (CMF), the three cyberspace operations missions, command and control of cyberspace forces, the NotPetya case study, and other related cyber topics.

REQUIRED READING: None

SUGGESTED READING:

- Joint Publication 3-12, Cyberspace Operations, 8 June 2018: pages vii to xvii (Executive Summary), I-8 to I-11 (Cyberspace Operations Forces), and IV-11 to IV-18 (Command and Control of Cyberspace Forces).

PERIOD OBJECTIVE:

Comprehend the principles of military cyberspace operations.

SAMPLES OF BEHAVIOR:

- 1.1 Define the elements of Offensive Cyberspace Operations (OCO)
- 1.2 Examine scenarios for how OCO supports military operations
- 1.3 Analyze critical vulnerabilities to adversarial cyberspace networks

STUDENT ACTIVITIES: Participate in a guided discussion.