College Name: College of Information and Cyberspace (CIC)
Program: Master of Science in Government Information Leadership[1] (JPME II)

Mission: The College of Information and Cyberspace (CIC) educates joint warfighters, national security leaders, and the cyber workforce on the cyber domain and information environment to lead, advise, and advance national and global security.

AY 22-23 Program Learning Outcomes (PLOs):
A graduate of the CIC's JPME II Program will be able to:

- Evaluate the national security environment with a focus on the impact of the Information environment and cyberspace.
- Assess all instruments of national power with emphasis on the historical, contemporary, and emerging role of the information instrument
- Create cyber and information policies, strategies, and globally integrated plans in support of national security objectives for the complex and dynamic character of competition, conflict and war.
- Analyze the ethical, legal, and policy implications of emerging and disruptive technology.
- Apply principles of strategic leadership to include effective communication, creative and critical thinking, decision making, and ethical conduct.

Emerging Faculty Skill Requirements:
The CIC curriculum requires an interdisciplinary faculty with expertise in national security, cyberspace, and information. We have continuous need for experts in influence operations, cyber security, digital innovation, data management and analysis, and emerging technology (machine learning, artificial intelligence, etc.). These professionals are in high demand, and therefore able to command much higher salaries in the private sector. Those with the unique combination of joint, academic, and professional experience and qualifications are even more challenging to recruit.

Curriculum Overview:

NDU 6000 – Strategic Leader Foundations Course: The course will provide a foundation to develop the skills for creative and critical thinking; explore the concepts, principles, and skills to help understand the global security environment and address the challenges of strategic leadership; introduce students to the Joint Force and the strategic aspects of Joint Professional Military Education; and provide a foundation in cyberspace fundamentals and information theory and strategic principles.

CIC 6165 Foundations of the Information Environment: This course introduces and explores the foundational concepts of cyberspace as a component of the information environment.

---

[1] Degree title is expected to change to "Strategic Information and Cyberspace Studies" effective AY 22-23.

CIC 6159 – National Security Strategy: Students gain understanding of the origins, formulation, and application of national security strategic logic to the cyber domain and information environment.

CIC 6204 - Cyber Law: The course presents an overview of the structure of the US domestic and international legal systems.

CIC 6164 - Strategic Thinking and Communications: This course provides students with an introduction to graduate-level research, writing, and communication, with a particular focus on the critical and creative thinking that drives strategic decision-making.

CIC 6151 – Information Warfare and Strategy: This course provides theories, frameworks, and tools for strategic planning and strategy execution.

CIC 6154 – International Challenges in Cyberspace: This course is designed to provide students with an overview of the issues surrounding cyberspace, including global governance and policy frameworks, international investment, and other national policies relevant to cyberspace.

CIC 6163 – Warfighting and Disruptive Technologies: The technology taught in the class is that which generates the capabilities that the future joint force will need to be successful in contested and competitive space.

CIC 6166 – Strategic Competition in the Information Environment: In this course, students will analyze how information and cyberspace operations are integrated into joint warfare and theater campaign strategies.

Academic Year 2023 College of Information and Cyberspace Calendar

PHASE 1 05 Aug-09 Sep	**PHASE 2** Fall Semester 12 Sep-16 Dec	Spring Semester 02 Jan –28 Apr	**PHASE 3** 01 May-8 Jun
NDU 6000: Strategic Leader Foundations Course (SLFC) (4cr.)	CIC 6165: Foundations of the Information Environment (FIE) (4cr.)	CIC 6151: Information Warfare and Strategy (IWS) (3cr.)	Practicum (part of CIC 6166)
	CIC 6159: National Security Strategy (NSS) (3cr.)	CIC 6154: International Challenges in Cyberspace (ICC) (3cr.)	Individual Student Research Paper (part of CIC 6164)
	CIC 6204: Cyber Law (CBL) (3cr.)	CIC 6163: Warfighting and Disruptive Technologies (WDT) (3cr.)	
CIC 6164: Strategic Thinking and Communications (STC) (3cr.) [ISRP-Individual Student Research Paper] [Presidents Lecture Series-PLS] [Distinguished Lecture Panel-DLP]			
Gettysburg Staff Ride (Part of CIC 6164)		CIC 6166: Strategic Competition in the Information Environment (SCIE) (4cr.)	
	NDU Electives (x3) (6cr.)		