# College of Information and Cyberspace
# Schedule of Courses
# Academic Year 2025-2026
# Fall Trimester

CONTACT DIRECTORY

**INTERNET HOME PAGE**:
http://cic.ndu.edu/

**TELEPHONE:**
202-685-6300
DSN 325-6300

**E-MAIL:**
CICOSS@ndu.edu

**MAILING ADDRESS:**
College Of Information and Cyberspace
Office of Student Services
300 5th Avenue, Bldg 62, Rm 145
Ft. Lesley J. McNair, DC 20319-5066

# Welcome

Located at Fort Lesley J. McNair on the Washington, DC waterfront, the College of Information and Cyberspace (NDU CIC) is one of the five graduate-level colleges that comprise the National Defense University. The CIC educates future thought leaders and change agents who will make the difference in government and strives to meet your workforce education needs for information leadership and management.

## ENROLLMENT PROCEDURES

**Course Registration**
Students who are admitted to the CIC at NDU will be sent detailed instructions regarding course registration, account information for online systems, and advisor information. Instructions on how to register for courses through NDU Connect can be found on our website at Course Registration

**Registration Periods**

| Semester | Registration Opens | Registration Closes |
|---|---|---|
| **FALL**<br>8 September 2025 – 30 November 2025 | 15 June 2025 | 1 September 2025 |
| **SPRING**<br>12 January 2026 – 5 April 2026 | 15 October 2025 | 5 January 2026 |
| **SUMMER**<br>27 April 2026 – 19 July 2026 | 16 February 2026 | 20 April 2026 |

**COURSE AVAILABILITY IN BLACKBOARD**

Each course offering has a site on CIC's online learning platform, Blackboard. This site will be available to students on the Friday before the Course Start Date. Students must access Blackboard and sign in immediately following the Course Start Date to begin course work. Please note that students will NOT see their course registration in Blackboard until noon on Friday before the course start date.

**DROP POLICY**

Students may dis-enroll at any time prior to the Course Start Date (CSD) without a grade recorded on the transcript. In accordance with academic policy, any drop on or after the Course Start Date will result in a grade being assigned in the course. Students who seek to withdraw from a course after the course start date but before the withdrawal period ends will receive a grade of W for the course. Students who seek to withdraw after the withdrawal period end will receive a failing grade for the course. To request to drop a course, students should log into NDU Connect, navigate to course details and select request drop next to the appropriate course.

## Course Models

NDU CIC Fall 2026 *Intensive Courses* will be offered in the following format:
*Distance Learning*.

## Distance Learning (DL)

The Distance Learning (DL) format engages students and faculty virtually over 12 weeks via Blackboard. Most DLs are asynchronous with a few optional live synchronous sessions weaved in for guest speakers etc., most synchronous sessions will be recorded for students who can't attend. During the 12 weeks students engage in weekly lessons, assignments and discussion boards. Each course will end with a final assessment which is typically a substantive paper or project that allows students to demonstrate their mastery of the intended learning outcomes. To receive credit for a course, students must be actively engaged virtually in every DL lesson as assigned by faculty.

## Class Schedule by Course

**Please recall that the last day to withdraw from a course with a grade of 'W' is:**
**Distributed Learning - The Monday of the 4th week of class:**

| DL | Last Day to Withdraw |
|---|---|
| 8 September – 30 November 2025 | 29 September 2025 |

## CIC-6303 – CIO 2.0 Roles and Responsibilities

Students in the CIO 2.0 course examine the essential analytic, relational, technological, and leadership competencies that government CIOs and their staff need to respond to and shape the 21st Century environment. Students assess the high information and IT demands of customers; examine the potential and perils of

ubiquitous technology and information saturation; and weigh the tradeoffs of resource constraints, legal and policy mandates, and security in an open environment.

## CIC-6211 Cybersecurity Fundamentals

This course provides an overview of the fundamentals of cybersecurity from the perspective of a DoD or federal agency senior leader. The course provides a foundation for analyzing the cyber and information security of information systems and critical infrastructure. Law, national strategy, public policy, and risk management methodologies are examined for assuring confidentiality, integrity, and availability of information systems and assets.

## CIC-6419- Data Strategy and Governance

This course explores data governance as a key component of data strategy for operationalizing data as a strategic asset to enable more effective and efficient decision making. It examines the principles, essential capabilities, and goals set forth in federal agency data strategies and the governance processes necessary to achieve those goals. Case studies allow students to explore the real-world benefits of data governance policies, standards and practices and how they are implemented. The course is designed to provide leaders with the knowledge, skills, and attributes to develop and assess data governance programs for their organizations that enable data discovery and sharing and facilitate innovation.

## CIC-6443 – Emerging and Disruptive Technologies

This course examines the core concepts of information technology and its rapidly expanding role in solving problems, influencing decision making and implementing organizational changes. Students will be introduced to an array of emerging technologies at various levels of maturity. Students analyze how emerging technologies use qualitative and quantitative evaluation methods. Students assess emerging technologies using forecasting methodologies such as monitoring and experts' opinion, examining future trends, and assessing.

## CIC-6220 – Engaging Partners and Adversaries through Diplomacy

With a focus on cyberspace and its attendant challenges and opportunities, this course will examine the role of diplomacy in the national security enterprise. Both a U.S. domestic concern and a function of international engagement, diplomacy presupposes a diverse array of actors and interlocutors who may or may not share U.S. interests and values yet with whom policy practitioners must engage to advance U.S. priorities. The course will explore how diplomacy has been used to reduce risk to the US and U.S. interests, and it will consider the capacity of diplomacy to address as-yet- unseen threats to the homeland and the American people. Students will gain insight into the policy process and how the tools of diplomacy have been used bilaterally and in multilateral forums to advance policy priorities in ways that uphold U.S. principles and values, particularly as they come under threat from strategic competitors and their efforts to undermine U.S. global influence.

## CIC -6171 – Governance, Authorities, and Ethics

This course provides students of national cyber and information strategy with the opportunity to comprehend how information and cyber drive and define nations, their governments, and in turn, their relations in the global context. It is essential that future national security strategists have the capacity to evaluate strategic choices in terms of global and national governance, rights, duties and obligations. Thus, Governance has been

developed by crossing leading cyber and information threats, with levels of national and international governance, to identify and examine the key authorities and case studies essential for a future cyber and information strategist. By taking Governance, students will analyze how: law is both a driver and definer of national security strategy; states form and interact through the law; states and private actors use and influence law to pursue vital interests, security, rights, and order; and how future national security strategists and leaders have essential responsibilities to define, engage, and use law when developing national security strategy for cyber and information.

## CIC- 6151 – Information Warfare Strategy

This course provides theories, frameworks, and tools for strategic planning and strategy execution. It weds direct and indirect methods of influence. Upon successful completion, students will be able to plan and implement strategies with emphasis on the information instrument of state power in a way that is practical, actionable, and intrepid. These strategies support every warfighting function and all the instruments of state power.

## CIC-6512 – Multi-Agency Information-Enabled Collaboration

This course focuses on inter-agency collaboration in national, homeland security, and national preparedness planning, decision making, and implementation. It examines current and proposed strategies, means and models for improving inter-agency collaboration at Federal, State, and local levels, and beyond to include multilateral non-governmental and internation organizations and coalition partners.

## CIC-6608 - Risk Management, Internal Controls, and Auditing for Leaders

This course presents a strategic understanding of risk management, internal controls, and auditing as they relate to the functions and responsibilities within the CFO and audit communities. This course examines how effective leadership can enhance efficiency, effectiveness, accountability, and transparency of an organization to include federal, state, and local governments. The primary focus is on the importance of identifying and assessing risk, describing, and improving internal control techniques and practices, and evaluating and recommending audit management strategies.

## CIC-6159 – Strategic Art for the Cyber and Information Environment

In this course, students gain understanding of the origins, formulation, and application of national security strategic logic to the cyber domain and information environment. In so doing, students comprehend their role and duty in the greater tradition of national security strategy, while gaining appreciation of the value they will bring as practitioners of national security strategy for cyber

## CIC-6415 – Strategic Information Technology Acquisition

This course is an executive-level view of strategic planning, performance management, and performance budgeting in public-sector organizations.  Using the Government Performance and Results Act and Kaplan & Norton's Balanced Scorecard as frameworks, students examine the linkage of mission to strategic planning, performance management, measurement, operational strategies, initiatives, and budgets to support senior-level decision making. Emphasis is on transparency, outcomes, and linkage between organizational performance and the organization's budget.  With this critical understanding, students develop leadership strategies that shape fiscal budgets to achieve agency strategic outcomes.

## CIC-6328 – Strategic Performance and Budget Management

This course is an executive-level view of strategic planning, performance management, and performance budgeting in public-sector organizations Using the Government Performance and Results Act and Kaplan & Norton's Balanced Scorecard as frameworks, students examine the linkage of mission to strategic planning, performance management, measurement, operational strategies, initiatives, and budgets to support senior-level decision making. Emphasis is on transparency, outcomes, and linkage between organizational performance and the organization's budget. With this critical understanding, students develop leadership strategies that shape fiscal budgets to achieve agency strategic outcomes.

## CIC-6164 – Strategic Thinking and Communication

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. In support of the NDU and CIC missions, the goal is to enrich strategic thinking and provide support throughout the program for both writing and oral communication. This is the course where students can fully synthesize what they have learned across all their courses and articulate ideas that will help them succeed beyond CIC.

## CIC-6606 – White House, Congress and the Budget

This course presents a strategic understanding of federal budgeting and appropriations, with particular attention to the role of the White House and Congress. The course focuses on developing leadership strategies to shape the fiscal environment to achieve agency strategic outcomes, examining topics such as the impact of current fiscal issues.

# Class Schedule by Date

| Course Offering Number | Abbreviation | Section | Course Start Date | On-Site Course Start Date | On-Site Course End Date | Course End Date |
|---|---|---|---|---|---|---|
| CIC-6303_FAL25-26_01 | CIO | 01 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6211_FAL25-26_01 | CSF | 01 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6419_FAL25-26_01 | DSG | 01 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6443_FAL25-26_02 | EDT | 02 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6220_FAL25-26_02 | PAD | 02 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6171_FAL25-26_05 | GOV | 05 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6151_FAL25-26_05 | IWS | 05 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6512_FAL25-26_01 | MAC | 01 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6608_FAL25-26_01 | RIA | 02 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6159_FAL25-26_05 | ART | 05 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6415_FAL25-26_01 | ITA | 01 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6328_FAL25-26_01 | SPB | 01 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6164_AY25-26_05 | STC | 05 | 9/8/2025 | DL | DL | 11/30/2025 |
| CIC-6606_FAL25-26_01 | BCP | 01 | 9/8/2025 | DL | DL | 11/30/2025 |