



**College of Information and Cyberspace
Schedule of Courses
Academic Year 2021-2022
Summer Semester**





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Office of Student Services

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Welcome

Located at Fort Lesley J. McNair on the Washington, DC waterfront, the College of Information and Cyberspace (NDU CIC) is the largest of 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.

The CIC Office of Student Services processes admissions and registration, maintains students' academic records, and publishes the CIC *Schedule of Courses*. The Office of Student Services also manages the admission and enrollment systems used by students, faculty, and advisors.

Information about our programs and courses is available on our website at <https://cic.ndu.edu/>. Please let us know if you need additional information by contacting the Office of Student Services at 202-685-6300 or by email at CICOSS@ndu.edu.

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. In order to be registered for a course, a course request form must be completed for each enrollment requested. The course request form is available on the CIC website at <https://cic.ndu.edu/Current-Students/Student-Registration/>.

Members of special program cohorts will receive registration instructions from the program director.

IA Compliance and Registration

The National Defense University (NDU) provides all of its students with access to the Internet, wireless networks, curricula, and research tools -- all via Department of Defense (DoD) Information Systems. Access to NDU information systems is predicated on user compliance with DoD/NDU cybersecurity regulations. Students will not be enrolled in a course until all IA compliance requirements have been met and confirmed by NDU IT. Non-compliant students will be placed on the course waitlist until compliance is confirmed. Compliance instructions can be found on the CIC website at http://www.ndu.edu/Students/IA_NonJPME/.

Confirmation of Course Registration

Students will receive a course status email (enrolled/waitlisted) within 7 to 10 business days of their course request. The CIC may send additional reminders and attendance confirmation requests prior to the course start date. Students should promptly respond to requests for information.

Multiple Registrations Policy

Students may register for two DL courses concurrently. Students on an academic probation status must seek permission for entry to multiple DL offerings. Requests must be submitted to the CIC Office of Student Services in writing (CICOSS@ndu.edu; Fax: 202-685-4860) no later than 2 weeks prior to the course start date.

REGISTRATION PERIODS

Registration opens on the dates below and will close on the Thursday prior to the Course Start Date (CSD).

Registration Opens

April 15, 2021
 October 15, 2021
 February 15, 2022

Semester

Fall: September 2021 – December 2021
 Spring: January 2022 – April 2022
 Summer: April 2022 – June 2022

CONFIRMATION OF ENROLLMENT & CONTACT INFORMATION VALIDATION

Students who successfully register for a course section will receive a class acceptance notice to their preferred email address of record.

Please ensure the following contact information is up-to-date with the Office of Student Services:

- Preferred Email Address
- Preferred Contact Telephone Number
- Current Employer

The CIC will make every effort to reach the student prior to taking a drop action should the course section be cancelled. Students are encouraged to contact the Office of Student Services at any time prior to the Course Start Date to verify enrollment or to update contact information.

NDU CIC Office of Student Services
 202-685-6300
CICOSS@ndu.edu

COURSE AVAILABILITY IN BLACKBOARD

Each course section has a site on the CIC's online learning platform, Blackboard. This site will be available to students on 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 the course start date.

DROP POLICY

Students may dis-enroll at any time prior to the Course Start Date (CSD) via email notification to the Office of Student Services. Students who seek to withdraw from a course after the course start date must complete a Course Withdrawal Form. The form is available on the CIC website at <https://cic.ndu.edu/Current-Students/Student-Registration/>.

In accordance with academic policy, any drop on or after the Course Start Date will result in a grade being assigned in the course. See the online CIC Catalog for the complete grading policy.

Course Models

NOTE

Each course section has a site on the CIC's online learning platform, Blackboard. This site will be available to students at **12:00pm (noon) on the Friday before the Course Start Date for Distributed Learning (DL) courses**. Students must access Blackboard and sign in immediately following the Course Start Date.

NDU CIC Summer 2022 *Intensive Courses* will be offered in the following format:
Distributed Learning.

Distributed Learning (DL)

The Distributed Learning (DL) format engages students and faculty virtually over 12 weeks via Blackboard. The first 10 weeks of course, students are engaged in online seminar. The final two weeks is dedicated for assessment completion. The end-of-course assessment 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. Final assessments are due no later than the Monday following the 12th week. Assessments are due no later than the Monday following the 12th week. The last day to withdraw from a DL course is the Monday of the 4th week of class.

DL	Last Day to Withdraw
4/11/2022 – 6/26/2022	5/02/2022

Key Terms

Key terms found in the *Schedule of Courses* or website:

- **Course Number** – Course Number is the four-digit identifier of the class. For example, for the course titled “Continuation of Operations,” the Course Number is 6504. The Course Number can be found in the Class Listing section of the *Schedule of Courses* and in the Course Listing page of the CIC website.
- **Course Start Date** – The Course Start Date of a class is the first day of the active learning period. All courses (e-Resident and DL) will require active engagement with the faculty effective this date. See the **DL Format** definition above.
- **Course End Date** – The Course End Date is the final day of the active learning period. See the **DL Format** definition above.
- **Student Arrival** – The Student Arrival date represents the start date of the face-to-face portion of the class. There is no face-to-face portion for Distributed Learning courses. See the **DL Format** definition above.
- **Student Departure** – The Student Departure date represents the end date of the face-to-face portion of the class. There is no face-to-face portion for Distributed Learning courses. See the **DL Format** definition above.

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
4/11/2022 – 6/26/2022	5/02/2022

ITA (6415) – Strategic Information Technology Acquisition

This course explores acquisition processes that seek to place information technology systems into the hands of joint warfighters and agency information leaders faster and with more ability to adapt to fluid situations. We examine the role senior military and agency leaders play in the successful acquisition of information technologies and services to achieve strategic organizational goals. Students use the Systems Development Life-cycle (SDLC) as a framework to explore acquisition strategies and charters, requirements management, development, testing, deployment, risk management and sustainment activities, focusing on the acquisition of IT and related services. Acquisition best practices and techniques cited in the US Digital Services Playbook are explored. IT-related risk management, to include avoidance of counterfeit chips and computer malware, risks of transition to cloud computing and advanced analytics are also discussed. Significant emphasis is placed on the contracting processes and outsourcing of IT networks and services. Ethics issues are explored using Department of Defense acquisition case studies.

Section	Course Start Date	On Campus		Course End Date	Format/Comment
		Student Arrival	Student Departure		
04	4/11/2022	DL	DL	6/26/2022	Distributed Learning

IUC (6217) – Illicit Activities in Cyberspace

This course explores illicit uses of cyber (e.g., terrorism, crime, human trafficking, etc.) and the impact of these activities on national and global security. The course explores the identity of actors engaged in these activities, their motivation, techniques, and what countermeasures can be adopted to mitigate their impact. The course provides a risk management framework to help information leaders leverage the benefits of cyber technologies while minimizing risks.

Section	Course Start Date	On Campus		Course End Date	Format/Comment
		Student Arrival	Student Departure		
03	4/11/2022	DL	DL	6/26/2022	Distributed Learning

RIA (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 risks, describing, and improving internal controls techniques and practices, and evaluating and recommending audit management strategies. The course includes practical discussions to illustrate how these processes can be integrated and leveraged to solve problems, make informed decisions, and minimize compliance costs.

Section	Course Start Date	On Campus		Course End Date	Format/Comment
		Student Arrival	Student Departure		
02	4/11/2022	DL	DL	6/26/2022	Distributed Learning

RMF (6218)—Risk Management Framework for Strategic Leaders

This course prepares future Chief Information Security Officers (CISO), Senior Information Security Officers (SISO) and senior staff involved in the cyberspace component of national military and economic power for their role as an overall cyber risk assessment and acceptance leader. Students explore how cyber security relates to information security, security governance, security program management, system risk assessment and authorization as well as day-to-day cyber security monitoring management. Students will explore enterprise security strategies, policies, standards, controls, programs, cyber operations, security assessment and measures/metrics, incident response, resource allocation, workforce issues, ethics, roles, and organizational structure.

Section	Course Start Date	On Campus		Course End Date	Format/Comment
		Student Arrival	Student Departure		
02	4/11/2022	DL	DL	6/26/2022	Distributed Learning

Class Schedule by Date

Course Number	Abbreviation	Section	Course Start Date	On-Site Course Start Date	On-Site Course End Date	Course End Date
6217	IUC	03	4/11/2022	DL	DL	6/26/2022
6218	RMF	02	4/11/2022	DL	DL	6/26/2022
6415	ITA	04	4/11/2022	DL	DL	6/26/2022
6608	RIA	02	4/11/2022	DL	DL	6/26/2022