



The ITPM program is designed to meet the ever-increasing call for program managers across the federal government and the certificate is designed to assist agencies in complying with Office of Management and Budget (OMB) direction. The OMB requires that project managers qualified in accordance with CIO Council guidance manage all major information technology projects. The ITPM Certificate requires successful completion of a graduate-level curriculum to satisfy competencies established by the Office of Personnel Management (OPM) Interpretive Guidance for Project Management Positions and the CIO Council Clinger-Cohen Core Competencies. The certificate complements general project management training and the ANSI-recognized Guide to the Project Management Body of Knowledge. It also provides formal educational credit, one of the qualifications required for award of the PMI Project Management Professional (PMP) Certificate.

### *Successful ITPM graduates will be able to:*

- Lead and manage complex IT acquisition and other projects and programs that create value for their organizations through enhanced mission performance.
- Apply higher order skills in critical thinking, negotiation, collaboration, and persuasion to synthesize solutions to program management challenges within and across organizational boundaries.
- Identify critical ethical issues facing IT project and program managers, evaluate them using both applicable standards of conduct and sound ethical reasoning, and implement ethical decisions consistent with the values of the project management discipline and government service.
- Evaluate the organizational value of new information technologies and develop strategies for employing them for strategic advantage.
- Communicate effectively using traditional and more innovative methods.

Students may apply their certificates, for up to 12 graduate-level credit hours, toward select Master's or Doctoral/ PhD degree programs at several partner institutions of higher education. See the Academic Partner page under Academics on the NDU iCollege website for additional information.

## ITPM Certificate

Courses are based on known IT program management competencies. Students earn the ITPM Certificate by successfully completing courses ranging from emerging technologies to management strategies.

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Required Courses

## GIL Master of Science Degree ITPM Concentration

The 36 credit curriculum of the Government Information Leader (GIL) Degree offers a combination of information management, technology, and leadership intensive courses in a collaborative and interactive environment. Students select the courses, which correspond to the College's ITPM certificate program.

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Required Courses

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Areas of Study



*The Global Hub for Educating, Informing, and Connecting Information Age Leaders.*

### *Students*

- DoD military and civilian
- Private Sector
- Non-DoD Federal Agency, state and local government
- International Defense Ministries

### *Flexible Options*

- On Campus (eResident)
- On-Line (Distributed Learning, DL)
- Customized Services and Seminars
- Hybrid eResident and DL
- 14-week CIO Leadership Development Program

### *Information Leadership Graduate Education*

- More than 30 courses, over 200 offerings per year
- Master of Science in Government Information Leadership
- Chief Information Officer competencies
- Chief Financial Officer competencies
- Cyber Security and Cyber Leadership
- IT Program Management

### *Laboratories*

- Attack and Defend
  - Cyber Security
  - Ci Center

### *Academic Partnerships*

The college partners with nearly 40 U.S. universities that accept 9, 12, or 15 graduate credits for iCollege certificates towards Master's and Doctoral/PhD degrees at their institutions. See the iCollege website (Academics tab) for specific degree information and contacts at each partner university. Many partners offer resident, online, full-time and part-time options. In addition, Global Information Assurance Certification (GIAC), an affiliate of SANS, accepts each iCollege course as 12 Certification Maintenance Units (CMUs).



### **NATIONAL DEFENSE UNIVERSITY**

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