Graduate Certificates

NJIT's graduate certificates give students the opportunity to:

(a) improve their skills in their current occupation by developing expertise in advanced topics,
(b) acquire knowledge to pursue new careers, or
(c) explore emerging fields before committing to relevant master’s degree programs that require more courses.

Many students pursue a graduate certificate for personal growth or part-time.

Each certificate program contains 4 graduate courses (equivalent to a total of 12 graduate credits) that are normally part of the curriculum for a 30-credit Master’s degree program. After successful completion of a graduate certificate, a student may decide to continue studying at NJIT towards the corresponding Master’s degree by taking advantage of rapid matriculated acceptance and eventual acquisition of two credentials (essentially for the price of the Master’s degree).

Graduate Certificates are available in:

**Full List of Graduate Certificates**

<table>
<thead>
<tr>
<th>Certificate Name</th>
<th>Industry</th>
<th>College</th>
<th>Dept</th>
<th>Advisor</th>
<th>Related MS</th>
</tr>
</thead>
</table>
Graduate Certificates

**Business and Information Systems**
Management, Information Systems
CCS (http://ccs.njit.edu) IS (http://is.njit.edu)
George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)

**Construction Management**
Civil Engineering
NCE (http://engineering.njit.edu) CEE (http://civil.njit.edu)
Heidi Young (http://directory.njit.edu/PersDetails.aspx?persid=hyoung)
CE (http://catalog.njit.edu/graduate/newark-college-engineering/civil-environmental/civil-ms)/EM (http://catalog.njit.edu/graduate/newark-college-engineering/mechanical-industrial/engineering-management-ms)

**Data Mining**
Computing, Databases
CCS (http://ccs.njit.edu) IS (http://is.njit.edu)
George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)
CS (http://catalog.njit.edu/graduate/computing-sciences/computer-science/ms)/IS (http://catalog.njit.edu/graduate/computing-sciences/information-systems/ms)/BIS (http://catalog.njit.edu/graduate/computing-sciences/information-systems/business-information-systems-ms)

**Digital Marketing Design Essentials**
Digital Media, Social Media
CSLA (http://csla.njit.edu) HUM (http://humanities.njit.edu)
Andrew Klobucar (http://directory.njit.edu/PersDetails.aspx?persid=klobucar)
PTC (http://catalog.njit.edu/graduate/science-liberal-arts/humanities/professional-technical-communication-ms)

**Finance for Managers**
Management, Finance
SOM (http://management.njit.edu) MGMT (https://management.njit.edu)
Shanthi Gopalakrishnan (http://directory.njit.edu/PersDetails.aspx?persid=sgopalak)
Financial Mathematics
Applied Mathematics, Finance
CRLA (http://crla.njit.edu) MATH (http://math.njit.edu)
Andrew Pole (http://directory.njit.edu/PersDetails.aspx?persid=pole)
MTCF (http://math.njit.edu/academics/graduate/ms-computationalfinance)

Information Security
Computing, Network Security
CCS (http://ccs.njit.edu) IS (http://is.njit.edu)
George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)
CSP (http://catalog.njit.edu/graduate/computing-sciences/computer-science/cyber-security-privacy-ms)/IS (http://catalog.njit.edu/graduate/computing-sciences/information-systems/ms)/ITAS (http://catalog.njit.edu/graduate/computing-sciences/information-technology/administration-security-ms)

Instructional Design, Evaluation
Education, Digital Trainers
CRLA (http://crla.njit.edu) HUM (http://humanities.njit.edu)
Andrew Klobucar (http://directory.njit.edu/PersDetails.aspx?persid=klobucar)
PTC (http://catalog.njit.edu/graduate/science-liberal-arts/humanities/professional-technical-communication-ms)

Instructional Design, Evaluation and Assessment
Transportation, Civil Engineer
NCE (http://engineering.njit.edu) CEE (http://civil.njit.edu)
Joyoung Lee (http://civil.njit.edu/people/Lee.php)
TRAN (http://catalog.njit.edu/graduate/newark-college-engineering/civil-environmental/transportation-ms)

International Commerce
International Business
SOM (http://management.njit.edu) MGMT (https://management.njit.edu)
Cheickna Sylla (http://directory.njit.edu/PersDetails.aspx?persid=sylla)

IT Administration
Computing, Network Security
CCS (https://ccs.njit.edu)
IT (http://it.njit.edu)
ITAS (http://catalog.njit.edu/graduate/computing-sciences/information-technology/administration-security-ms)
<table>
<thead>
<tr>
<th>Certificate Program</th>
<th>Department, College</th>
<th>Website</th>
<th>Curriculum</th>
</tr>
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</tbody>
</table>
**Software Engineering, Analysis, and Design**

Software Engineering

- CCS (http://ccs.njit.edu)
- IS (http://is.njit.edu)
- George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)

Software Analysis and Design

- SE (http://catalog.njit.edu/graduate/computing-sciences/software-engineering-ms)
- IS (http://catalog.njit.edu/graduate/computing-sciences/information-systems/ms)

Supplemental sites:

- CCS (http://ccs.njit.edu)
- IS (http://is.njit.edu)

**Supply Chain Engineering**

Supply Chain Engineering

- NCE (http://engineering.njit.edu)
- MIE (http://mie.njit.edu)
- Sanchoy Das (http://mie.njit.edu/people/das.php)

Supplemental sites:

- NCE (http://engineering.njit.edu)
- MIE (http://mie.njit.edu)

**Technical Communication Essentials**

Technical Communication Essentials

- CSLA (http://csla.njit.edu)
- HUM (http://humanities.njit.edu)
- Andrew Klobucar (http://directory.njit.edu/PersDetails.aspx?persid=klobucar)

Supplemental sites:

- CSLA (http://csla.njit.edu)
- HUM (http://humanities.njit.edu)

**Transportation Studies**

Transportation Studies

- CEE (http://civil.njit.edu)
- I Jy Steven Chien (http://directory.njit.edu/PersDetails.aspx?persid=chien)

Supplemental sites:

- CEE (http://civil.njit.edu)
- I Jy Steven Chien (http://directory.njit.edu/PersDetails.aspx?persid=chien)

**Web Systems Development**

Web Systems Development

- CCS (http://ccs.njit.edu)
- IS (http://is.njit.edu)
- George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)

Supplemental sites:

- CCS (http://ccs.njit.edu)
- IS (http://is.njit.edu)