**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:

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<table>
<thead>
<tr>
<th>Certificate Name</th>
<th>Industry</th>
<th>College</th>
<th>Dept</th>
<th>Advisor</th>
<th>Related MS</th>
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|----------------------|---------------------------------|---------------------------|------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
Financial Mathematics  

Applied Mathematics, Finance  
CSLA (http://csla.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  
[http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/information-security-cert]

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  
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)

and Assessment

Intelligent Transportation Systems  
[http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/intelligent-transportation-systems]

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)  
MGMT (http://catalog.njit.edu/graduate/management/management/ms)  
MBA (http://catalog.njit.edu/graduate/management/management/technology-mba)

IT Administration  
[http://www5.njit.edu/graduatestudies/degree-programs/graduatecertificates/it-administration-cert]

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)
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<th>Program Area</th>
<th>Department</th>
<th>Website</th>
<th>Faculty</th>
<th>Website</th>
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</table>
Drug Manufacturing, FDA
<Piero Armenante (http://directory.njit.edu/PersDetails.aspx?persid=armenant)
PHEN (http://catalog.njit.edu/graduate/newark-college-engineering/chemical-biological-pharmaceutical/pharmaceutical-cert)

Drug Development, FDA
CPBE (http://chemicaleng.njit.edu)
Piero Armenante (http://directory.njit.edu/PersDetails.aspx?persid=armenant)
PHEN (http://catalog.njit.edu/graduate/newark-college-engineering/chemical-biological-pharmaceutical/pharmaceutical-cert)

Power and Energy
ECE (http://ece.njit.edu)
Mengchou Zhou (http://ece.njit.edu/people/zhou.php)
EE (http://catalog.njit.edu/graduate/newark-college-engineering/electrical-computer/electrical-ms/PES (http://catalog.njit.edu/graduate/newark-college-engineering/electrical-computer/power-energy-systems-ms)

Management, Engineering
MIE (http://mie.njit.edu)
A. Bladikas (http://directory.njit.edu/PersDetails.aspx?persid=bladikas)
EM (http://catalog.njit.edu/graduate/newark-college-engineering/mechanical-industrial/engineering-management-ms)

Applied Mathematics, Finance
MATH (http://math.njit.edu)
Andrew Pole (http://directory.njit.edu/PersDetails.aspx?persid=pole)
MTCF (http://math.njit.edu/academics/graduate/ms-computationalfinance)

Digital Media, Social Media
HUM (http://humanities.njit.edu)
Andrew Klobucar (http://directory.njt.edu/PersDetails.aspx?persid=klobucar)
PTC (http://catalog.njit.edu/graduate/science-liberal-arts/humanities/professional-technical-communication-ms)
Software Engineering, Analysis, and Design

Supply Chain Engineering

Technical Communication Essentials

Transportation Studies

Web Systems Development

Software Development

Industrial Engineering

Writers, Editors, Digital Media

Transportation Engineer

Web Development

CCS (http://ccs.njit.edu)

NCE (http://engineering.njit.edu)

CSLA (http://csla.njit.edu)

HUM (http://humanities.njit.edu)

Andrew Klobucar (http://directory.njit.edu/PersDetails.aspx?persid=klobucar)

George Olsen (http://directory.njit.edu/PersDetails.aspx?persid=golsen)

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

IE (http://catalog.njit.edu/graduate/newark-college-engineering/industrial-management/ms)

PTC (http://catalog.njit.edu/graduate/science-liberal-arts/professional-technical-communication-ms)

TRAN (http://catalog.njit.edu/graduate/newark-college-engineering/civil-environmental/transportation/ms)

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

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