Bienvenidos!

Presentation by:
Dr. Vanita Misquita Ph.D.
Director of Overseas Programs
europe@iit.edu
Illinois Institute of Technology is located in Chicago, Illinois
Chicago: the City Illinois Tech Built

- 3rd largest city in the U.S.
- 35 miles of lakefront
- 552 parks
- 46 museums
- 7,000 restaurants
- #1 in the U.S. in manufacturing
- #1 in the U.S. in nanotechnology
Why study at Illinois Tech?

- Illinois Tech is the only tech focused university in Chicago
- Chicago is the 3rd largest city in the U.S, opportunities for networking and jobs aplenty
- Argonne National Laboratory and Fermilab – world famous laboratories – are located within an hour of Illinois Tech
- Possible to complete a Master’s degree in 1 year (12 months)
- No quotas at the Master’s degree level – Illinois Tech Partner Alliance scholarship of 9 credits for 1 year
- F1 visa allows students to work for 1 year in the U.S. in their field of study or 3 years if the program has been designated as STEM
Why study at Illinois Tech?

- Member of the Association of Independent Technological Universities
- AITU consists of 23 colleges and universities
- Illinois Tech among the first 15 founding members 1957
- Other members include: California Institute of Technology (CalTech), Carnegie Mellon University (CMU) and Massachusetts Institute of Technology (MIT)
Fall 2021 Quick Facts

- Undergraduates: 2,890 students
- Graduates: 3,391 students
- Career Placement rate: 90.5%
Rankings and Recognition

• #22 in the Nation for Finance – *The Financial Times* on Stuart School of Business

• #1 in the Nation for Intellectual Property Law – *Law Street* on Chicago-Kent College of Law

• #44 Best Value National Universities - *U.S. News & World report*

• **Top 25** STEM Colleges 2018 – *Forbes*

• #1 in the Chicago region for Occupational Earnings Power – *The Brookings Institution*

• Accredited by the Higher Learning Commission
  *www.hlcommission.org*

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S. R. Crown Hall
Designated a national historic landmark by the united states secretary of the interior
NOTABLE ALUMNI

ILLINOIS TECH
Martin Cooper

- Graduated Illinois Tech with a bachelor’s and master’s degree in electrical engineering
- Inventor of the cell phone 1972-73
- Formulated the Law of Spectral Efficiency, also known as Cooper's Law.
- Awarded the prestigious Charles Stark Draper Prize in 2013 amongst many others

“The fundamentals I learned at Illinois Tech have been my guiding light in everything I have done.”

– Martin Cooper
(B.S. EE 1950; M.S. EE 1957)
Rohit Prasad

- Graduated from Illinois Tech with a master’s degree in electrical engineering
- Head Scientist behind Amazon’s Alexa
- Currently Vice President and Head Scientist, Alexa Artificial Intelligence (AI)
- Ranked No. 9 in Fast Company’s 100 most creative people in business, 2017
- 15 on Recode’s list of 100 people in tech, business and media, 2017

“The way I think about Alexa is the way AI is revolutionizing daily convenience.”

– Rohit Prasad (M.S. EE 1999)
Rajeev Chandrashekhar (M.S. CS 1988) Member of the Team that Developed the Pentium Chip

Susan Soloman (Chem 1977) Discovered Manmade Chlorofluorocarbons were Destroying the Earth

Victor Tsao (M.S. CS 1980) Co–founder of Linksys

Ed Kaplan (ME 1965) Pioneer in Barcode Technology
Andrea Berry (CS 1984)
Emmy Award-winning
Broadcast Media
Consultant

Anita Burke (ME 1990)
Vehicle Chief Engineer
for the GMC Canyon
and Chevrolet
Colorado

Gloria Ray Karlmark
(Chem. Math 1965)
Part of The Little Rock
Nine who Stood Up
Against Segregation in
Arkansas Schools
Campus Housing

Residence Halls

- McCormick Student Village
- Jeanne and John Rowe Village
- Gunsaulus Hall
- Carman Hall
- George J. Kacek Hall

To learn more about residence halls visit https://www.iit.edu/student-experience/campus-and-housing/residence-halls
ROOM RATES ON CAMPUS: August 2022-May 2023
https://www.iit.edu/housing/housing-options/housing-rates
Cost range: $7,871-$14,762 for the academic year

BOARD/MEAL RATES ON CAMPUS:
https://www.iit.edu/housing/dining-and-meal-plan/options-and-rates
Cost range: $1,832 - $7,564 for the academic year

Graduate students are NOT required to live in on-campus housing
Athletics: Scarlet Hawks

**Men’s**
- Baseball
- Basketball
- Cross Country
- Lacrosse
- Soccer
- Swimming and Diving
- Tennis
- Track and Field
- Volleyball

**Women’s**
- Basketball
- Cross Country
- Lacrosse
- Soccer
- Swimming and Diving
- Tennis
- Track and Field
- Volleyball
ILLINOIS TECH
PARTNERS IN SPAIN
Illinois Tech Partners in Spain

- Universidad Politecnica de Madrid (UPM – ETSIT, ETSII, ETSIAAB, ETSIAE, ETSICCP, ETSIINF, ETSAM & ETSIDI)
- Universitat Politecnica de Catalunya (UPC – ETSETB, ETSEIB, ETSAB, ETSECCPB, ESEEIAT, FME)
- Universitat Politecnica de Valencia (UPV – ETSA, ETSII, ETSIT, ETSICCP & ETSIAMN)
- Universidad de Seville- School of Engineering & Faculty of Psychology
- ICAI-Universidad Pontificia Comillas, Madrid
- ESIB –Universidad del Pais Vasco (UPV)
Academic Calendar

SPRING 2023 SEMESTER
Begins January 9, 2023

FALL 2023 SEMESTER
Begins August 21, 2023
<table>
<thead>
<tr>
<th>Armour College of Engineering</th>
<th>College of Computing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Electrical &amp; Computer Engineering</td>
<td>Department of Information Technology &amp; Management</td>
</tr>
<tr>
<td><a href="http://www.iit.edu/ece">www.iit.edu/ece</a></td>
<td><a href="http://www.iit.edu/itm">www.iit.edu/itm</a></td>
</tr>
<tr>
<td>Department of Mechanical, Materials &amp; Aerospace Engineering</td>
<td>Department of Industrial Technology &amp; Operations</td>
</tr>
<tr>
<td><a href="http://www.iit.edu/mmae">www.iit.edu/mmae</a></td>
<td><a href="http://www.iit.edu/intm">www.iit.edu/intm</a></td>
</tr>
<tr>
<td>Department of Civil, Architectural &amp; Environmental Engineering</td>
<td>Department of Computer Science</td>
</tr>
<tr>
<td><a href="http://www.iit.edu/caee">www.iit.edu/caee</a></td>
<td><a href="http://www.iit.edu/computer-science">www.iit.edu/computer-science</a></td>
</tr>
<tr>
<td>Department of Chemical &amp; Biological Engineering</td>
<td></td>
</tr>
<tr>
<td><a href="http://www.iit.edu/chbe">www.iit.edu/chbe</a></td>
<td></td>
</tr>
</tbody>
</table>

Programs > Master's degree programs > Graduate
Some examples of IIT Master degree programs

M.S. Autonomous Systems & Robotics
M.Eng Artificial Intelligence, Computer Vision & Control
M.Eng Energy Systems, Energy Conservation & Building track
M.Eng Cybersecurity Engineering
M.A.S – Electricity Markets
M.A.S. – Data Science
Master of Computational Decision Science & Operations
Master of Applied Physics
M.Eng Computer Engineering in IoT

MORE
What is a U.S. credit hour?

- 1 U.S. credit hour equals 1 contact hour of lecture
- A graduate level course at Illinois Tech is usually 3 credit hours
- A 3-credit hour course at Illinois Tech means that the course may be offered three times per week or once a week for 3 hours
- 1 U.S. Credit = ~2 ECTS credits
Master of Engineering in Advanced Manufacturing, Additive Manufacturing Track

Curriculum

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>(12-14)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMAE 501 Engineering Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>Select 9-11 credit hours from the following courses:</td>
<td>9-11</td>
</tr>
<tr>
<td>ECE 411 Power Electronics</td>
<td>4</td>
</tr>
<tr>
<td>ECE 412 Hybrid Electric Vehicle Drives</td>
<td>4</td>
</tr>
<tr>
<td>ECE 438 Control Systems</td>
<td>3</td>
</tr>
<tr>
<td>ECE 505 Applied Optimization Engrs</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 546 Adv Manufacturing Engineering</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 547 Comp Intgrtd Manuf Technlgies</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 557 Comp Intgrtd Manfctng Sysmns</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 560 Ststcl Quality Procs Control</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additive Manufacturing Courses</th>
<th>(9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select nine credit hours from the following courses:</td>
<td>9</td>
</tr>
<tr>
<td>MMAE 445 Computer-Aided Design</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 545 Advanced CAD/CAM</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 579 Advanced Materials Processing</td>
<td>3</td>
</tr>
</tbody>
</table>
## Additive Manufacturing Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMAE 445</td>
<td>Computer-Aided Design</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 545</td>
<td>Advanced CAD/CAM</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 579</td>
<td>Advanced Materials Processing</td>
<td>3</td>
</tr>
<tr>
<td>MMAE/ENGR 588</td>
<td>Additive Manufacturing</td>
<td>3</td>
</tr>
</tbody>
</table>

## Elective Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 594 or MMAE 594</td>
<td>Special Projects, Proj for Master of Engg Stud</td>
<td>1-6</td>
</tr>
<tr>
<td>MMAE 451</td>
<td>Finite Element Methods in Engrg</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 502</td>
<td>Engineering Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 532</td>
<td>Finite Element Methods II</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 541</td>
<td>Advanced Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 570</td>
<td>Computational Methods in MSE</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 589</td>
<td>Apps in Reliability Engg I</td>
<td>3</td>
</tr>
<tr>
<td>MMAE 590</td>
<td>Apps Reliability Engineering II</td>
<td>3</td>
</tr>
</tbody>
</table>

Minimum degree credits required: 30
Important Application Deadlines

**FALL SEMESTER**
- Application: April 15
- Financial Support: May 31
- Intent to Enroll: July 1
- Deposit: Waived @Graduate level

**SPRING SEMESTER**
- Application: October 15
- Financial Support: November 1
- Intent to Enroll: December 1
- Deposit: Waived @Graduate level
Double degree Master
Applies to students on a 2-year Master’s degree program at UPCatalunya

Pre-selected by UPCatalunya
Can apply to Illinois Tech only if pre-selected by UPCatalunya

TOEFL min. 90 ibt (NOT home edition) OR IELTS min. 6.5 (NOT home edition) OR Duolingo 110+ required (must request the testing organization to send your official score directly to Illinois Tech – See https://www.iit.edu/admissions-aid/graduate-admission/international-students/application-requirements-and-checklist

(“English proficiency assessment upon arrival will be required for applicants who qualify for admission but who do not achieve the aforementioned overall score. For those who have taken the Duolingo and who have achieved a score of 110+ such students will still be required to take the English proficiency assessment for data collection purposes. They may be recommended to take an English course(s) depending on the results of the assessment”)

GRE general waived for Fall 2023 applicants https://www.iit.edu/admissions-aid/graduate-admission/international-students/application-requirements-and-checklist

“GRE and GMAT Waiver: We understand that many GRE and GMAT testing facilities are closed due to the coronavirus. As a result, Illinois Tech has changed our test requirements for the spring and fall 2023 semesters. We are no longer requiring students to submit GRE or GMAT scores for all master’s programs”

Application deadlines:
Fall semester: April 15
Spring semester: October 15

Final decision made by Illinois Tech
1st/Year

UPCatalunya

2nd/Year

Illinois Tech

IIT Master’s degree

UPCatalunya’s Master’s degree
SELECTION & REQUIREMENTS

- Preselected by the specific school at UPC
  Only preselected UPC students may apply to Illinois Tech
  Preselection does NOT guarantee admission to Illinois Tech

- Field of study and Master’s degree program to pursue at Illinois Tech must be pre-approved by UPC

- Official English proficiency score to be sent directly to Illinois Tech
  TOEFL ibt (NOT HOME EDITION) 90 ibt:
  or IELTS (NOT HOME EDITION) 6.5
  or Duolingo 110

- Transcripts certified in Spanish & in English of all courses completed at the Bachelor’s level and Master’s level including a certified proof in English of the Bachelors’ equivalent degree

- 1 or 2 letters of recommendation depending on the department
- Professional statement
- Application fee is waived for IIT Partner school pre-selected students
1+1 Master

ILLINOIS TECH
1+1 PROGRAM – MASTER’S LEVEL

Applicable to students pursuing a 1-year Master at UPCatalunya

Complete only the required courses at the Master’s level at UPCatalunya

Complete the required UPCatalunya’s Trabajo fin de Master at Illinois Tech instead

At Illinois Tech will complete a different Master (1 year in length) which will include the Trabajo Fin de Master

UPCatalunya will validate the TFM only

Receive UPCatalunya degree after validation of the TFM and the Illinois Tech Master’s degree
UPCatalunya-1 yr Master

1st/Year

Illinois Tech

2nd/Year

IIT Master’s degree with TFM

UPCatalunya’s Master’s degree upon completion of TFM at Illinois Tech
COMPARISON BETWEEN THE TWO PROGRAMS – DOUBLE DEGREE & 1+1 Master

1-Year Master completed at UPC – add another year at Illinois Tech – no course transfer credit – can choose any type of Master

2-year Master at UPC – complete the 2nd year at Illinois Tech – eligible for 2-course transfer credit – must choose the Master that UPC approves of – no additional year

Both 2-year Master and 1-year Master can complete the Trabajo Fin de Master at Illinois Tech which can be included in the Illinois Tech 1-year Master’s degree

Both types – eligible to work in the U.S. under the F1 student visa

Both types will receive two degrees (Illinois Tech and UPCatalunya)

Both types may be eligible for a partial merit scholarship of 9 credits for the year
CUTTING-EDGE AREAS OF STUDY AND CAREER OPPORTUNITIES
# Cutting-Edge Fields of Study & Career Opportunities

<table>
<thead>
<tr>
<th>Fields of Study</th>
<th>Career Opportunities</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.S. Autonomous Systems &amp; Robotics</td>
<td>Robotics Engineer/Autonomous</td>
</tr>
<tr>
<td>M.Eng Cybersecurity Engineering</td>
<td>Systems engineer/Navigation &amp;</td>
</tr>
<tr>
<td>M.Eng Computer Engineering &amp; IoT</td>
<td>Guidance systems engineer</td>
</tr>
<tr>
<td>M.Eng Biomedical Engineering</td>
<td>Cybersecurity Systems Engineer/</td>
</tr>
<tr>
<td>M.S. Computational Decision Sc &amp; Op</td>
<td>Network Security Engineer</td>
</tr>
<tr>
<td></td>
<td>Chief IoT officer</td>
</tr>
<tr>
<td></td>
<td>Orthopedic bioengineer/Rehab</td>
</tr>
<tr>
<td></td>
<td>engineer/quality engineer</td>
</tr>
<tr>
<td></td>
<td>Logistician/Operations/market</td>
</tr>
<tr>
<td></td>
<td>research analyst</td>
</tr>
</tbody>
</table>
INTERDISCIPLINARY PROGRAMS @ ILLINOIS TECH

Armour College of Engineering

M.Eng – Computational Engineering – Biomedicine Track (BME dept.)

M.Eng – Computational Mechanics – (MMAE dept)

M.Eng – Computational Engineering – Optimization Machine Visitino& Decision-Making track (ECE dept)

M.Eng – Energy Systems, Energy Transmission & Markets track (ECE dept)

M.Eng – Engineering Management – Product Design & Development Track (MMAE Dept)

M.Eng – Advanced Manufacturing – Additive & Digital Manufacturing Tracks (MMAE dept)

M.Eng – Advanced Manufacturing – Automation & Control Systems track (ECE dept)

Career Opportunities & quick google search of average annual salaries in the U.S. per job title

Computational Fluid Dynamics Analyst – 94K
Core Algorithm developer – 88K
Senior Machine Learning optimization engineer – 100K
Computer Vision Software developer – 83K
Energy Efficiency specialist – 66K
Transmission Engineer – 100K
Transmission and Distribution line engineer -97K
New Product Development Engineer – 100K
Product Engineering designer – 95K
Advanced Manufacturer Engineer – 81K
Image Processing Engineer – 100K
Automation Control Systems Engineer – 85K
Senior Automation controls Engineer – 99K
Systems Energy Engineer – 100K
Senior Energy Engineer – 93K ..........;
A FEW EXAMPLES OF NEW* & JOB MARKET-RELEVANT MASTER DEGREE PROGRAMS @ ILLINOIS TECH

*M.S. Autonomous Systems & Robotics (MMAE)
M.S. Computational Decision Science & Operations Research (CS)

Master of Electricity Markets (ECE)
Master of Cybersecurity Engineering (ECE)

Master of Power Engineering (ECE)
M.Eng Wireless Communication & Computer Networks (ECE)

M.A.S. Artificial Intelligence (CS)
M.S. Computational Decision Science & Operations Research (CS)

M.A.S. Data Science (CS)
M.A.S. Cybersecurity (CS)

*M.S. Biomedical Data Science & Modeling (BME)
*M.S. Medical Devices & Biomaterials (BME)

M.Eng Environmental Engineering (CAEE)
M.S. Environmental Management & Sustainability (SSB)

M.S. Marketing Analytics (SSB)
M.A.S. Technological Entrepreneurship (SSB)

M.P.P.A. – Master of Public Policy & Administration (SSB)

LEARN MORE.....
IN THE NEWS

Award-winning student’s( Larissa AFFOLABI (ESIGELEC-IIT –Master 2019, Phd current) research innovates electric-vehicle charging
https://www.iit.edu/news/award-winning-student-research-innovates-electric-vehicle-charging

New chair - Calvin Nobles of Illinois Institute of Technology’s Department of Information Technology and Management, has been awarded a non-resident fellowship with the Cyber Project at the Belfer Center for Science and International Affairs at Harvard University’s Kennedy School. The aim of the Belfer Center’s Cyber Project is to become the premier home for the rigorous and policy-relevant cybersecurity-related responses to contemporary issues.

4th year Architecture student’s winning design to be built in Kenya

Illinois Tech launches 5 new Chemistry programs –Medicinal chemistry, Bioanalytical chemistry, environmental chemistry, forensic chemistry & computational chemistry
Course credit transfer for UPCatalunya for Engineering/Tech – Double degree program only

a) Should choose from among the elective courses in the Master’s degree program of choice at Illinois Tech

b) Can only choose 2 course equivalents i.e. 6 US credits or 12 ECTS (6 ECTS minimum for a 3 c.h (U.S.) course)

c) Courses must be Master level courses

d) Courses must be compatible in content and number of hours

e) Courses successfully passed (6.5 out of 10) for each 3 ch (U.S.) course equivalent
Tuition and Fees – August 2022-May 2023

Cost per Credit Hour: $1,646  (includes IIT Europe partner school students seeking any 1-year program offered by the Stuart School of Business ( NOT MBA)

Mandatory & Other fees additional

<table>
<thead>
<tr>
<th>PER SEMESTER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Fee »</td>
<td></td>
</tr>
<tr>
<td>Full time</td>
<td>$125.00</td>
</tr>
<tr>
<td>Part time</td>
<td>$40.00/course</td>
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<tr>
<td>Student Service Fee »</td>
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</tr>
<tr>
<td>Full time</td>
<td>$530.00</td>
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<tr>
<td>Part time</td>
<td>$190.00</td>
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<tr>
<td>UPass Fee »</td>
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<tr>
<td></td>
<td>$155.00</td>
</tr>
<tr>
<td>Course Fees</td>
<td>View Rates</td>
</tr>
</tbody>
</table>

For additional info, visit https://web.iit.edu/student-accounting/tuition-fees/future-tuition/mies-campus-graduate
Tuition cost – example (Engineering/Technology)

Cost per Credit Hour: $1,646 (August 2022-May 2023)

Example if admitted to Illinois Tech:

32-credit hour Master $52,672

a) IIT Partner Alliance scholarship 9 credits = - $14,814

b) Eligibility for a 2-course (6 c.h.) transfer credit = - $9,876

(if approved by the department)

Tuition total applying a) & b) if admitted & approved = $27,982 for Engineering/Tech

N.B. - Cost may increase for August 2023-May 2024. Check the web link below for the new cost in Feb/March 2023.

For additional info, visit https://web.iit.edu/student-accounting/tuition-fees/future-tuition/mies-campus-graduate
Mandatory & Other Fees – Graduate Level – Engineering/Technology/Science

August 2022-May 2023

<table>
<thead>
<tr>
<th>Service</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Fee</td>
<td>$ 250</td>
</tr>
<tr>
<td>Student Service</td>
<td>$1,060</td>
</tr>
<tr>
<td>Health insurance</td>
<td>$2,072</td>
</tr>
<tr>
<td>New Student</td>
<td>$ 300</td>
</tr>
<tr>
<td>U-Pass</td>
<td>$ 310</td>
</tr>
<tr>
<td>Graduation App</td>
<td>$ 200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$4,442</strong></td>
</tr>
</tbody>
</table>

N.B.1: does not include any lab fees that may apply for certain courses

N.B. 2: New cost for August 2023-May 2024 will be posted in Feb/March 2023 on the Student accounting link below:
https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-graduate
OUTCOME FOR THE DOUBLE DEGREE PROGRAM

2nd year of Master at Illinois Tech

Complete the Illinois Tech Master’s in 1 year (12 months)

Includes Trabajo fin de Master-TFM (research project)

2 degrees in 1 year
( IIT Master’s and equivalent Master’s from UPC)
<table>
<thead>
<tr>
<th>Job Position</th>
<th>Average Annual Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Manufacturer Engineer</td>
<td>$81K</td>
</tr>
<tr>
<td>New Product Development Engineering</td>
<td>$80K</td>
</tr>
<tr>
<td>Product Engineering Designer</td>
<td>$95K</td>
</tr>
<tr>
<td>Control Systems Engineer</td>
<td>$100K</td>
</tr>
<tr>
<td>Autonomous Systems Engineer</td>
<td>$104K</td>
</tr>
<tr>
<td>Interface developer</td>
<td>$75K</td>
</tr>
<tr>
<td>Robotics Systems Engineer</td>
<td>$95K</td>
</tr>
<tr>
<td>Navigation &amp; Guidance systems engineer</td>
<td>$126K</td>
</tr>
<tr>
<td>Senior Energy Engineer</td>
<td>$105K</td>
</tr>
<tr>
<td>Systems Energy Engineer</td>
<td>$104K</td>
</tr>
<tr>
<td>Energy Program manager</td>
<td>$90K</td>
</tr>
<tr>
<td>Product Development Manager</td>
<td>$124K</td>
</tr>
<tr>
<td>Senior Product Manager</td>
<td>$146K</td>
</tr>
<tr>
<td>R &amp;D Product Engineer</td>
<td>$90K</td>
</tr>
<tr>
<td>Process Engineer</td>
<td>$74K</td>
</tr>
<tr>
<td>Quality engineer</td>
<td>$77K</td>
</tr>
<tr>
<td>Materials Science Engineer</td>
<td>$78K</td>
</tr>
<tr>
<td>Metallic Materials applications Engineer</td>
<td>$90K</td>
</tr>
<tr>
<td>Metallurgist</td>
<td>$89K</td>
</tr>
<tr>
<td>Mechanical Engineer</td>
<td>$83K</td>
</tr>
<tr>
<td>Air/Spacecraft designer</td>
<td>$85K</td>
</tr>
<tr>
<td>Information Research Scientist</td>
<td>$118K</td>
</tr>
<tr>
<td>Software Engineer</td>
<td>$113K</td>
</tr>
<tr>
<td>Bioinformatics Engineer</td>
<td>$130K</td>
</tr>
</tbody>
</table>
UPON GRADUATION - POSSIBILITIES

- Eligibility to work in the U.S. under F1 OPT for 12 months
- Possible extension if STEM-related to 24 months in addition, under OPT

Median annual salary: 71,000 USD according to specialization

- PhD. (Doctorate) in the U.S. or elsewhere
- Work in Europe or elsewhere
Advantages/Benefits

New car = $29,000  
Value when it leaves the showroom = -20%  

Master’s d’IIT : $29,000  
Annual salary in the U.S. upon graduation = $65,000+ (on average) (+20%)
CERTIFICATE PROGRAMS
(Non-Degree)

ILLINOIS TECH
Non-Degree online Certificate programs

- LEVEL-MASTER

- ONLINE

  - May take 1 or 2 courses in the certificate program that may transfer to a specific Master's program of interest at Illinois Tech under the DD program

    OR

  - May complete the entire certificate program (9, 12 or 13 credits)

    OR

  - If admitted to the Illinois Tech Master's degree for Fall 2023 (for example) and has decided to defer to Spring 2024 – may take 1 or 2 certificate courses in the preceding summer 2023 or Fall 2023 online
Examples of a few Certificate programs
Cyber Security Management
Data Management & Analytics
Software Development
Supply Chain Management
Advanced Electronics
Computer Engineering
Cybersecurity Engineering
Power Electronics
Computer Integrated Design & Manufacturing
Process Operations Management
Product Quality & Reliability Assurance

LINKS:
bulletin.iit.edu/graduate/colleges/engineering/#degreeprogramstext
bulletin.iit.edu/graduate/colleges/science/computer-science/#certificatestext
Examples of a few Certificate programs
Cyber Security Management
Data Management & Analytics
Software Development
Supply Chain Management
Advanced Electronics
Computer Engineering
Cybersecurity Engineering
Power Electronics
Computer Integrated Design & Manufacturing
Process Operations Management
Product Quality & Reliability Assurance

LINKS:
bulletin.iit.edu/graduate/colleges/engineering/#degreeprogramstext
bulletin.iit.edu/graduate/colleges/science/computer-science/#certificatetext
Application procedure for the Certificate Program – Non-degree

Pre-selected by UPC
Names & email addresses provided to europe@iit.edu
Application form: http://go.iit.edu/techpro (Separate landing page for IIT partner schools in progress)

Application deadline: Fall: April 15; Spring: October 15

Maximum of 15 credits in one year
Certificate program varies from 9 – 13 credits
Applicants may take one course per semester
Completion of Undergraduate degree and pre-requisites required
English Proficiency – TOEFL 90 ibt, IELTS 6.5 or Duolingo 110
COST FOR THE CERTIFICATE PROGRAM – NON-DEGREE

Offered ONLY to IIT Europe partner school pre-selected students at a 50% scholarship

May opt to complete the entire certificate program

OR

May take one or two courses in the certificate program at a 50% scholarship per course, that MAY apply to a specific Master’s degree program at Illinois Tech
### Cost of the Certificate program (August 2022-May 2023)

@ $1646 per credit hour

<table>
<thead>
<tr>
<th>Credits</th>
<th>Actual cost</th>
<th>50% discount</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>$14,814</td>
<td>$7,407</td>
</tr>
<tr>
<td>12</td>
<td>$19,752</td>
<td>$9,876</td>
</tr>
<tr>
<td>13</td>
<td>$21,398</td>
<td>$10,699</td>
</tr>
</tbody>
</table>

**N.B.:**

a) For partner school pre-selected student(s), a 50% scholarship will be offered per course (i.e. 3ch course = $4,938 @ 50% = $2,469), if the student chooses to take one or two courses in the certificate program that may apply to the Master’s program at Illinois Tech if the student wishes to pursue the DD program at Illinois Tech later.

Or

b) 50% scholarship offered for the entire certificate program for pre-selected student(s) from UPC.

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**N.B.: The New cost for August 2023-May 2024 will be posted in Feb/March 2023 on the Student accounting link below:**

https://web.iit.edu/student-accounting/tuition-fees/future-tuition/main-campus-graduate
RESEARCH AT ILLINOIS TECH
Selection by UPC

Submit an application to Illinois Tech

Deadlines: 15 October (Spring)
        15 February (Summer)

Research for 6 months– Registration fee of 3 credits ( $4938 –
August 2022-May 2023 –Engineering/Technology)

No registration fee for a summer research project of 3 months
(mid-May- mid-August)

Visa Type: J1 short-term research scholar
➢ Do NOT contact the professors directly

➢ Each professor working at a research center/institute is affiliated to a department at Illinois Tech

➢ When applying for research, documents are issued by the department NOT the research center
Research - GRADUATE PROCEDURE

➢ Selected by school – name submitted to IIT Europe

➢ Send required docs (certified copy of transcripts in English only, 1 letter of recommendation, CV, copy of the name page of passport, certified letter of proof of intermediate level in English or official & valid TOEFL/IELTS score & a professional statement – identify three professors in one department at IIT, with whom you would like to work), proof of Bachelor’s degree in English, VIA EMAIL to IIT Europe office

➢ IIT Europe will distribute the dossier to the 3 professors you identified, within 1 department at IIT Chicago

➢ MUST CHOOSE ONLY ONE DEPARTMENT AT IIT

➢ IF APPROVED BY THE PROFESSOR AT IIT, IIT Europe will inform you, after which you will send the Financial support form via email, directly to the Department coordinator at IIT.

DO NOT SEND ANY DOCUMENTS TO THE GRADUATE ADMISSION OFFICE NOR TO THE PROFESSORS, AS THEY DO NOT PROCESS RESEARCH APPLICANTS
INSTITUTES & SOME RESEARCH CENTERS

ILLINOIS TECH
Institutes & Research Centers @Illinois Tech

➢ IIT Research Institute
➢ Institute for Food Safety & Health
➢ Pritzker Institute of Biomedical Science & Engineering
➢ Wanger Institute for Sustainable Energy Research (WISER)

RESEARCH CENTERS
Biophysics Collaborative Access Team (BioCAT)
Center for Accelerator & Particle Physics
Center for Complex Systems & Dynamics
Galvin Center for Electricity Innovation
Electric Power & Power Electronics Center
Center for Integrative Neuroscience & Neuroengineering Research
Center for the Molecular Study of Condensed Soft Matter
Center for Nutrition Research
Center for Processing Innovation
Medical Imaging Research Center
Center for Strategic Competitiveness
Center for the Study of Ethics in the Professions
Center for Synchrotron radiation Research & Instrumentation
Sustainable Transportation & Infrastructure Research Center………..
TESTIMONIALS

ILLINOIS TECH
“If I have to describe my experience at IIT in one sentence, I would say that it was an eye-opening and truly rich experience. It was worth it and opened an horizon of opportunities for me.”
Temoignage de M. Hamza SEKKAK
(ES CAE IIT 2017 – INSA Lyon)

Best features:
“\textit{IIT’s location in Chicago..}
Great studying environment..proximity to offices of the biggest corporations in the U.S. opens access to face-to-face networking opportunities”

Was the experience worth it?
“When students studying in France, it allows them to broaden their knowledge by getting familiar with American codes and design methods – one of the most used design & constructions standards in the world”

Financially – affordable and possible with IIT’s scholarship & other scholarships from the regional council in France

“\textit{It was a great experience because I was able to interact with people with different backgrounds and get education from highly competent and experienced professors}”
Testimony from Mr. Javier Perez, of ETSII-UPM & IIT (MMAE 2008)

What is your current job position: Strategy Manager

Was attending Illinois Tech worth it?: Absolutely! The experience is worth the cost from a compensation point. Without Illinois Tech, I would have not been able to work in the USA.

Would you recommend this experience to others and why?: The job market is a very competitive one. You need to be able to differentiate yourself. Studying in the USA gives you that differentiation.

Compensation history:
- First year $50 + $10K
- Third year $65 + $10K
- After F1 OPT, and then several H-1Bs, I got my green card last year, 9 years after I arrived in the USA
Profesionales Espanoles en Chicago

Profesionales Espanoles en Chicago (PEC)
Founded by UPM alum – Javier Perez

Javier Perez – javierptg@gmail.com

https://www.pec-network.com/about-pec
https://elevate.iit.edu/experiences/category/competitions-outside-courses/ Elevate competitions

IIT alumna – Andy de Fonseca – rocket launch
https://www.youtube.com/watch?v=ybdx7wSjP_I
Are You Ready to Start Your Journey in Chicago at Illinois Tech?

Contact: europe@iit.edu