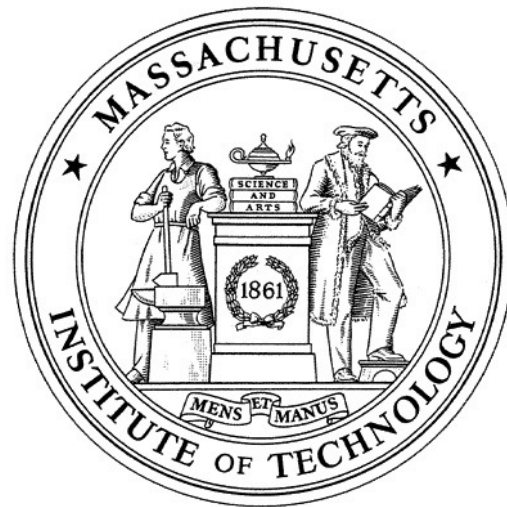




# “Education Partner” of ILP



**PROFESSIONAL  
EDUCATION**



## Our Mission



To provide **science, engineering and technology professionals around the world** access to MIT knowledge and expertise via **advanced education programs designed for them.**

All our courses are taught by MIT Faculty.

# Unparalleled learning opportunities at every level

- 100+ courses
- 9 certificates
- 3 formats (Live virtual, Online, and In-person)

SHORT PROGRAMS  
COURSES &  
PROFESSIONAL  
CERTIFICATES



DIGITAL PLUS  
PROGRAMS



ADVANCED STUDY  
PROGRAM



INTERNATIONAL  
PROGRAMS



CUSTOM  
PROGRAMS



# Open Enrollment Programs



## FLEXIBLE FORMATS:

**In-person:** Join MIT faculty and peers on MIT campus in Cambridge, MA, or other locations.

**Live Virtual:** Participate in live instruction and interactive, hands-on learning activities during set hours in real time.

**Online:** Learn anytime, anywhere through online lectures, interspersed with real-time interactions with peers and instructors.

## IN-DEMAND TOPICS:

- Advanced manufacturing
- Artificial intelligence and machine learning
- Biotechnology and pharmaceuticals
- Computer science
- Crisis management
- Data modeling and analytics
- Digital transformation
- Energy and sustainability
- Imaging and computer vision
- Innovation
- Leadership and communication
- Real estate development

## Extend your capabilities—entirely online

### **DIGITAL PLUS PROGRAMS:**

Access MIT insights from anywhere in the world through highly interactive online courses offered in English, Spanish, Portuguese, French and Italian.

***Brian Anthony***, Director of Master of Engineering in Manufacturing Program



### **ONLINE COURSES:**

Industrial Internet of Things: From Theory to Applications

Smart Manufacturing: Moving from Static to Dynamic Manufacturing Operations

### **COURSE OFFERINGS INCLUDE:**

- Blockchain: Disruptive Technology
- Cloud & DevOps: Continuous Transformation
- Cultural Awareness for Global Business
- Designing Product Families: From Strategy to Implementation
- Leadership & Innovation
- Management of Technology: Roadmapping & Development
- Management of Technology: Strategy & Portfolio Analysis
- Persuasive Communication: Critical Thinking to Enhance Your Message
- Sustainability: Strategies and Opportunities for Industry
- Sustainable Infrastructure Systems: Planning and Operations
- Systematic Innovation: Scaling Up from a Hunch

# Acquire new skills through live virtual and on-campus courses

## SHORT PROGRAMS

- 50+ courses focused on timely, technical topics
- Delivered by MIT faculty experts, sharing their latest research and insights
- Participants earn continuing education units and course certificates



## NOW OPEN FOR REGISTRATION

**AI Strategies and Roadmap: Systems Engineering Approach to AI Development and Deployment** led by David Martinez

Live Virtual | 5-day course | Jan 31–Feb 04, 2022



**SHORT PROGRAMS  
COURSES & PROFESSIONAL  
CERTIFICATES**

# AI for Computational Design and Manufacturing

July 11–15, 2022 (On-Campus)

***Wojciech Matusik***, Associate Professor of  
*Electrical Engineering and Computer Science*



Fuel your organization's ability to produce large volumes of highly integrated, complex, customized products by leveraging intelligent design and manufacturing strategies powered by the latest in artificial intelligence.



***Reza Rahaman***, *Bernard M. Gordon Industry Co-Director and Senior Lecturer*

**ON-CAMPUS COURSES:**

**Mastering Innovation and Design-Thinking** July 18–20, 2022

Master a proven 10-Step Design Process and develop the skills you need to pioneer innovation and design-thinking in your workplace.

**Engineering Leadership for Emerging Leaders** July 25–29, 2022

Acquire actionable interpersonal, communication, and management strategies for leading and motivating teams in technical environments.



# Take a deeper dive with a Professional Certificate Program

## Live Virtual/In-Person Certificates

1. Innovation & Technology
2. Artificial Intelligence & Machine Learning
3. Biotechnology & Life Sciences
4. Design & Manufacturing
5. Real Estate Finance & Development

## Online Certificates

1. Digital Transformation
2. Industry 4.0
3. Legal Tech in the Digital Age
4. Strategic Technology Roadmapping and Innovation



*“Being part of the MIT ecosystem has really put me ahead of the curve by providing access to the latest information, tools, and methodologies.”*

- Renzo Zagni, Co-Founder, Intelenz



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