

# Engage. Experience. Excel.

## Extended Education Spring 2019

This Spring ...

Look to the Future

Build Your Skills

Advance Your Career

Classes begin January 22!

[nyit.edu/exted](http://nyit.edu/exted)

**NYIT**

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**NonCredit Courses:**

Architecture, Engineering, Construction, Decorating

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**Professional Certificate Programs:**

AR VR: Unity, AutoCAD, Machine Operations, General Contracting & Construction Standards, Interior Decorating, Project Management, Revit

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**Personal Enrichment:**

Career Development, Dance, Driver's Ed

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**Online Self-Study:**

Architectural/Design History

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**Custom Corporate Training**

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## Excel Personally and Professionally

NYIT's Extended Education offers noncredit courses that leverage our university's core strengths to provide you with professional training in architecture, AutoCAD, engineering, heavy equipment, interior decorating, project management, REVIT and more. Many of these courses can be used for continuing education credit and/or help you prepare for professional licensure.

We also offer enrichment courses in career networking, ballroom dance, driver education, and New York City history. Courses are offered at convenient times and affordable rates at locations in the New York metropolitan area.

Discover how our courses and programs can extend your skillset and help you excel professionally and personally. To speak to a counselor, call **516.686.7490** or visit [nyit.edu/exted](http://nyit.edu/exted).

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## Corporate Training

Our courses can provide new skills and knowledge to your organization's workforce. In return, you'll have better-trained employees who are satisfied and perform better. We offer custom programs in AutoCAD, business, engineering, and interior design, among other areas. Courses may be conducted at your facility or at our campuses on Long Island and New York City.

To find out how we can help with your corporate training needs, call **516.686.7491** or email [jknowles@nyit.edu](mailto:jknowles@nyit.edu).

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## New This Spring!

[General Contracting and Construction Standards Certificate](#), see **page 10**.

[Heavy Equipment Operator Certificate](#), see **page 10**.

### **For Architects and Engineers online self-study:**

[Jacobs II: FLW's Passive Solar House](#), and [Different or Dysfunctional?](#)

[Thom Mayne's San Francisco Federal Building](#), see **page 11**.

### **For Engineers**

[Utilizing AutoCAD and Autodesk Inventor 2019](#), [REVIT MEP Fundamentals](#), see **page 20**.

### **For Interior Decorators**

[Revit and Interior Design](#), see **page 6 and 7**.

### **For Job Seekers or Changers**

[Career Development courses](#), and [Finding a Pathway to a Successful Career and Life](#), see **page 20**.

### **For Managers and Directors**

[Certificate in Leadership and Project Management](#), see **pages 10 and 11**.

### **For Everyone**

[Great Cities in Cinema Part 1: New York](#), see **page 24**.

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## Campuses

NYIT offers extended education courses on both of its New York campuses: NYIT-New York City (Manhattan) and NYIT-Long Island (Old Westbury, N.Y.)

# Noncredit Professional Certificate Programs

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## **(NEW) Certificate: AR VR: Unity**

The AR/VR( augmented/virtual reality) Unity three-module certificate program at NYIT-New York City is offered through the HIVE, NYIT's research lab and expertise hub for AR/VR production, which is housed in the Department of Digital Art and Design, in conjunction with Extended Education. This program leverages the core of game development technology and UX/UI design to provide students with AR/VR (virtual/augmented reality) production skills sought by current and emerging creative and technology organizations. Each 15-hour (three-week) module features bootcamp-style classes that provide skills in AR/VR and the Unity game engine that can be applied to a Unity Certification class. All coursework is taught at NYIT's New York City campus, near Columbus Circle in Manhattan.

### **XCMP-081 Introduction to Unity**

**Section: M01 (New York City)** Saturdays, February 23, March 2, 9, 2019, 10 a.m.–3 p.m. Validate your knowledge of foundational game design and programming skills against a benchmark of proficiency for game production with Unity. This class will cover many of the topics in the Unity Certification Exam. No matter what your target platform (screen, mobile, web, VR or AR), Unity allows you to build interactive experiences for all of them. Unity developers are in great demand; one of the best ways to distinguish yourself is to become certified as a developer. **Fee: \$995**

### **XCMP-082 Asset Creation and Manipulation/Pipeline Development**

**Section: M01 (New York City)** Saturdays, March 30, April 6, 13, 2019, 10 a.m. – 3 p.m. This course introduces you to the creation, acquisition, manipulation, and implementation of assets for use in AR/VR immersive experiences. Tools for the creation of characters, organic and hard surface models, 3-D scanning, and sculpting will be introduced. Students learn how to manipulate assets acquired from online resources

to work within their development environments. With each new type of asset there is a new set of requirements for how the data is moved from one piece of software to the other to develop a data pipeline. You will be introduced to pipeline development to pass data along the software chain. **Fee: \$995**

### **XCMP-083 AR/VR, 360 Storytelling, and UX/UI**

**Section M01 (New York City)** Saturdays, April 27, May 4, 11, 10 a.m. – 3 p.m.

This course introduces a range of the latest AR experience development tools and skills, 360 video storytelling development technique, and UX/UI (user experience/user interface) design principles. Learn how to implement user experience, interface, and interaction design with AR and VR. **Fee: \$995.00**

### **XCMP-084 VR/ARUnity3DCert**

**Section: M01 (New York City)** Saturdays, February 23, March 2, 9, March 30, April 6, 13, April 27, May 4, 11, 10 a.m. – 3 p.m. **Fee: \$2,795.00**

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## **Certificate: AutoCAD 2019**

This certificate is designed to build job mastery for the practicing construction professional, architect, designer, engineer, programmer, or technician. The courses presume no background in AutoCAD; those who enroll are expected to have basic computer skills and knowledge of the basic principles of drafting. To earn the certificate, you must complete all four courses, which may be taken in different semesters. Courses also may be taken individually for skill enhancement. Courses are conducted on a Windows PC environment.

*\*NOTE: These courses are registered and approved by the ALA for professional continuing education, but are not approved for license renewal by the New York state licensing board for non-HSW credit. All classes must be attended for CES credit.*

### XCAD-023 AutoCAD Level I

**Section: W01 (Long Island)** Tuesdays:  
January 29, February 5, 12, 19, 26, March 5;  
6 – 9 p.m.

**Section: M01 (New York City)** Wednesdays:  
January 30, February 6, 13, 20, 27, March 6;  
6 – 9 p.m.

During this hands-on course, use **AutoCAD 2019** and learn about the tools and techniques necessary to complete and edit production drawings using basic 2-D commands. **Fee: \$395**

### XCAD-024 AutoCAD Level II Part A

**Section: W01 (Long Island)** Tuesdays:  
March 26, April 2, 9, 16, 23, 30; 6 – 9 p.m.

**Section: M01 (New York City)** Wednesdays:  
March 27, April 3, 10, 17, 24, May 1;  
6 – 9 p.m.

In this intermediate course, use **AutoCAD 2019** and expand on basic 2-D commands to refine and edit production drawings. **Fee: \$395**

### XCAD-025 AutoCAD Level II Part B

**Section: W01 (Long Island)** Thursdays:  
January 31, February 7, 14, 21, 28, March 7;  
6 – 9 p.m.

**Section: M01 (New York City)** Tuesdays:  
January 29, February 5, 12, 19, 26, March 5;  
6 – 9 p.m.

As a continuation of **AutoCAD 2019** Level II Part A, this course expands your knowledge of advanced 2-D commands to increase your customizing ability and productivity. **Fee: \$395**

### XCAD-026 AutoCAD III: 3-D Modeling and Rendering

**Section: W01 (Long Island)** Thursdays:  
March 28, April 4, 11, 18, 25, May 2;  
6 – 9 p.m.

**Section: M01 (New York City)** Tuesdays:  
March 26, April 2, 9, 16, 23, 30; 6 – 9 p.m.  
Using **AutoCAD 2019**, use 3-D commands to create and use drawing planes. Gain skills to render surface and solid models. **Fee: \$395**

## Certificate: Revit Architecture 2019

This certificate is designed to build job mastery for the practicing construction professional, architect, designer, engineer, programmer, or technician. The courses presume no background in Revit; those who enroll are expected to have basic computer skills and knowledge of the basic principles of drafting. To earn the certificate, you must complete all three courses, which may be taken in different semesters. Courses also may be taken individually for skill enhancement.

### XCAD-029 Introduction to Revit

**Section: W01 (Long Island)** Saturdays:  
January 26, February 2, 16, 23, March 2, 9;  
9:30 a.m. – 12:30 p.m.

**Section: M01 (New York City)** Thursdays:  
January 31, February 14, 21, 28, March 7, 14;  
6 – 9 p.m.

As green building goes mainstream, government leaders are asking for tools that set minimum standards for green building. Building information modeling (BIM) is changing the way buildings are designed and constructed. Revit is the first tool you will reach for in your toolbox. This hands-on course introduces you to Revit fundamentals, features, and tools, including: documentation history and trends; project templates; user interface and project work flow; and content provided out of the box. **Fee: \$395**

### XCAD-032 Intermediate Revit

**Section: W01 (Long Island)** Saturdays:  
March 30, April 6, 13, 20, 27, May 4;  
9:30 a.m. – 12:30 p.m.

**Section: M01 (New York City)** Thursdays:  
March 28, April 4, 11, 18, 25, May 2;  
6 – 9 p.m.

Explore the BIM aspects of Revit architecture. This hands-on course covers topics such as: families and their components; creating, organizing, and utilizing different views; section elevations and perspectives; and schedules and project phasing tools as well as working from a sketch to create a massing study; dimensioning (temporary and permanent); stairs, ramps and railings; creating rooms and color fill patterns; and detailing and annotation. **Fee: \$395**

## **XCAD-035 Advanced Autodesk**

### **Revit Architecture**

**Section: W01 (Long Island)** Saturdays:  
January 26; February 2, 16, 23; March 2, 9;  
1 p.m. – 4 p.m.

**Section: M01 (New York City)** Tuesdays:  
January 29, February 12, 19, 26, March 5, 12;  
6 p.m. – 9 p.m.

This course introduces you to more advanced concepts in Autodesk Revit software, the AEC industry's first parametric building modeler. Using Revit Beginner and Intermediate as our foundation, we will explore advanced functions. Topics include working with multiple Revit and AutoCAD files as links; implementing techniques using system families such as walls, floors, ceilings, and roofs; custom family creation and in-place families; advanced scheduling functions; and best practices (performing quality control on your BIM project).  
*Prerequisite:* Intermediate Revit. **Fee: \$395**

For Additional Revit 2019 courses see **pages 7, and 19.**

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## **Certificate/Advanced Certificate: Interior Decoration**

Looking for a new career as an interior decorator? Upon completion of eight 10-week courses (five required and three electives), earn a certificate in interior decoration and get started! The required courses are XDSG-001, XDEC-001, XDEC-002, XDEC-005 and XFSH-014. Two 5-week electives or one 10-week elective fulfill one elective requirement. Upon completion of required coursework, you must apply for the certificate. **An advanced certificate in interior decoration** requires successful completion of **12 (10-week)** courses. We recommend the courses be taken in order for best learning comprehension. You may also take individual courses for personal enrichment.

### **XDSG-001 Design...Where It All Begins**

**Section: W01 (Long Island)** Mondays:  
January 28, February 4, 11, 25, March 4, 11,  
25, April 1, 8, 15; 9:30 a.m. – noon

**Section: W02 (Long Island)** Mondays:  
January 28, February 4, 11, 25, March 4, 11,  
25, April 1, 8, 15; 6:30 – 9 p.m.

**Section: M01 (New York City)** Thursdays:  
January 31, February 7, 14, 21, 28, March 7,  
14, 28, April 4, 11; 6:30 – 9 p.m.

This course introduces the fundamentals of interior decoration. Integration of form, color, and texture into a harmonious whole is at the core. Spatial and three-dimensional organization are covered as well. This is a project-oriented, “learn-by-doing” program. **Fee: \$305**

### **XDEC-001 Basic Drafting for Interior Decorators\*\***

**Section: W01 (Long Island)** Wednesdays:  
January 30, February 6, 13, 20, 27, March 6,  
13, 27, April 3, 10; 9:30 a.m. – noon

**Section: W02 (Long Island)** Wednesdays:  
January 30, February 6, 13, 20, 27, March 6,  
13, 27, April 3, 10; 6:30 – 9 p.m.

**Section: M01 (New York City)** Wednesdays:  
January 30, February 6, 13, 20, 27, March 6,  
13, 27, April 3, 10; 6:30 – 9 p.m.

Learn the methods and techniques of basic drafting and detailing for interior space planning, including how to execute scale, room plans, reflective ceiling plans, and elevations. *Prerequisite:* XDSG-001.  
**Fee: \$305**

### **XDEC-002 Interior Decorating and Applications I**

**Section: W01 (Long Island)** Mondays:  
January 28, February 4, 11, 25, March 4, 11,  
25, April 1, 8, 15; 9:30 a.m. – noon

**Section: W02 (Long Island)** Tuesdays:  
January 29, February 5, 12, 19, 26, March 5,  
12, 26, April 2, 9; 6:30 – 9 p.m.

**Section: M01 (New York City)** Thursdays:  
January 31, February 7, 14, 21, 28, March 7,  
14, 28, April 4, 11; 6:30 – 9 p.m.

In this course, interior decoration skills are developed through a series of projects for simple interior spaces. Emphasis is placed on function, analysis, and space planning. You'll begin to incorporate color, furniture, and finishing, while graphically representing the interior space.  
*Prerequisites:* XDSG-001, XDEC-001. **Fee: \$305**

*\*\*Equipment is required: estimated cost is \$125 (not included in cost of course).*

### **XDEC-005 Business Practices for Interior Decorators**

**Section: W01 (Long Island)** Wednesdays: January 30, February 6, 13, 20, 27, March 6, 13, 27, April 3, 10; 9:30 a.m. – noon

**Section: W02 (Long Island)** Thursdays: January 31, February 7, 14, 21, 28, March 7, 14, 28, April 4, 11; 6:30 – 9 p.m.

**Section: M01 (New York City)** Wednesdays: January 30, February 6, 13, 20, 27, March 6, 13, 27, April 3, 10; 6:30 – 9 p.m.

An introduction to the many aspects involved in maintaining a successful interior decorating practice. Topics include contracts, legal responsibilities, fees, marketing strategy, client interviewing, and professional organizations.

**Fee: \$305**

### **XFSH-014 Fabrics and Materials**

**Section: W01 (Long Island)** Thursdays: January 31, February 7, 14, 21, 28, March 7, 14, 28, April 4, 11; 9:30 a.m. – noon

**Section: W02 (Long Island)** Tuesdays: January 29, February 5, 12, 19, 26, March 5, 12, 26, April 2, 9; 6:30 – 9 p.m.

**Section: M01 (New York City)** Mondays: January 28, February 4, 11, 25, March 4, 11, 25, April 1, 8, 15; 6:30 – 9 p.m.

An overview of materials used in the decorating process, with emphasis on fabrics. The use of basic materials such as upholstery, draperies and curtains, flooring, carpeting, wall covering, and paint will be discussed, as well as execution processes including measuring, ordering, installation, and maintenance.

**Fee: \$305**

### **XDEC-004 Kitchens and Baths**

**Section: W01 (Long Island)** Tuesdays: January 29, February 5, 12, 19, 26, March 5, 12, 26, April 2, 9; 9:30 a.m. – noon

**Section: W02 (Long Island)** Wednesdays: January 30, February 6, 13, 20, 27, March 6, 13, 27, April 3, 10; 6:30 – 9 p.m.

**Section: M01 (New York City)** Tuesdays: January 29, February 5, 12, 19, 26, March 5, 12, 26, April 2, 9; 6:30 – 9 p.m.

In this course, you will be responsible for the actual development and execution of a kitchen and bathroom project. Issues to be addressed will include color, texture, function, lighting, and special considerations for kitchens and baths.

*Prerequisite:* XDEC-001. **Fee: \$305**

### **XDEC-033 Space Planning: Residential**

**Section: W01 (Long Island)** Tuesdays: February 5, 12, 19, 26, March 5, 12, 26, April 2, 9, 16; 10 a.m. – 12:30 p.m.

This introduction to the historical development of interior decoration and design includes study of space planning (furniture layouts in a residence), analysis of color psychology in a living environment, and preparation of a residential space plan project. *Prerequisites:* XDSG-001 & XDEC-001. **Fee: \$305**

### **XDEC-038 Feng Shui and Healthy Living for Designers**

**Section: W01 (Long Island)** Thursdays: April 4, 11, 18, 25, May 2; 10 a.m. – 12:30 p.m.

By applying the ancient art of Feng Shui and green design basics, you will learn to choose healthy options for you, your clients, and the planet. Develop an awareness in order to select colors, shapes, textures, and accessories to uplift the energy in a space and enhance areas of life that need improving. On the last day of class, you will present a visual project. **Fee: \$205**

### **XDEC-029 Practical Decorating**

**Section: W01 (Long Island)** Wednesdays: April 3, 10, 17, 24, May 1; 9:30 a.m. – noon

**Section: M01 (New York City)** Thursdays: April 4, 11, 18, 25; May 2; 6:30 – 9 p.m.

Find out about the practical world of an interior decorator. All phases of a design job—including obtaining clients, determining and fulfilling their needs, and delivering the product—will be discussed. **Fee: \$205**

### **XDEC-027 The History of Furniture**

**Section: W01 (Long Island)** Wednesdays: January 30, February 6, 13, 20, 27, March 6, 13, 27, April 3, 10; 9:30 a.m. – noon

Learn about the history of furniture from ancient Egypt and Greece, Western European countries, and China and Japan. See how the evolution of furniture has influenced today's world of decorating.

**Fee: \$305**

### **XDEC-009 Resource Sampler Workshop**

**Section: W01 (Long Island)** Wednesdays: April 3, 10, 17, 24, May 1; 10 a.m. – 12:30 p.m.

Offering hands-on experience for students with a basic background in decorating, this course

will consist of lectures and numerous field trips. Transportation and expenses for all field trips are the responsibility of the student. The first class will be held on campus; the remaining classes will be field trips. **Fee: \$205**

### **XDEC-042 Feng Shui Revealed**

**Section: M01 (New York City) Thursdays:** February 28, March 7, 14, 28, April 4, 11, 25, May 2, 9, 16; 6:30 – 9:00 p.m.

In this introduction to the basics and origins of Feng Shui and its importance in interior design, you will learn to examine the energy of space, layouts, and floorplans; to approach interior design based on the roadmap and element theory of Feng Shui; to understand the importance of sustainable design and use of green plants; and to be a better interior designer by improving your own personal energy based on Feng Shui principles. **Fee: \$305**

### **XDEC-010 Accessories**

**Section: W01 (Long Island) Wednesdays:** March 27, April 3, 10, 17, 24; 9:30 a.m. – noon

**Section: M01 (New York City) Tuesdays:** March 26, April 2, 9, 16, 23; 6:30 – 9 p.m.

Accessories are essential in putting the finishing touches on any room. Topics include: the use of color in accessories and accent pieces; the importance of using the right artwork, flowers, collectibles, and pillows; and more. **Fee: \$205**

### **XART-046 Color Workshop for Interior Decorators**

**Section: W01 (Long Island) Mondays:** February 25, March 4, 11, 25; April 1; 10 a.m. – 12:30 p.m.

This course will explore the many aspects of color, such as psychological and emotional responses and different cultures and age groups' relationships to color. Learn about the uses of color in various industries and the relationship of color to light and texture. This understanding will help you develop appropriate color schemes for clients. **Fee: \$205**

### **XART-027 Portfolio Workshop—Color Rendering**

**Section: W01 (Long Island) Tuesdays:** April 2, 9, 16, 23, 30; 9:30 a.m. – noon

This course presents demonstrations of techniques using color pencils and magic markers. It includes color rendering of interior fabrics and materials, lights and shadows, and matting of finished work. **Fee: \$205**

### **XDEC-028 Window Fashions**

**Section: W01 (Long Island) Wednesdays:** January 30, February 6, 13, 20, 27, March 6, 13, 27, April 3, 10; 9:30 a.m. – noon

**Section: M01 (New York City) Thursdays:** February 28, March 7, 14, 28, April 4, 11, 25, May 2, 9, 16; 6:30 – 9 p.m.

Learn about proper specification, fabrication, and installation of soft and hard window fashions, with special emphasis on multi-layered treatments. Draperies, valances, cornices, swags and jabots, blinds, shutters, shades, and trimmings will be explored and defined. Special-challenge windows, such as bay, angled-top, and Palladian, are included. Receive instruction on how to balance practical and aesthetic factors in developing the best overall design solution. The use of real-life scenarios clarifies material covered. **Fee: \$305**

### **XDEC-006 Lighting**

**Section: W01 (Long Island) Thursdays:** January 31, February 7, 14, 21, 28, March 7, 14, 28, April 4, 11; 9:30 a.m. – noon

**Section: M01 (New York City) Tuesdays:** January 29, February 5, 12, 19, 26, March 5, 12, 26, April 2, 9; 6:30 – 9 p.m.

Proper lighting is vital to the success of an interior design. Types of artificial light, its location, quantity, color balance, lifespan, output, and other characteristics are topics we will examine. You will learn how to develop a lighting plan and specification schedule. A field trip to a lighting showroom may be included. **Fee: \$305**

### **XCAD-023 AutoCAD for Interior Decorators**

**Section: W02 (Long Island) Tuesdays:** February 5, 12, 19, 26, March 5, 12, 26, April 2, 9, 16; 12:45 – 2:45 p.m.

**Section: M01 (New York City) Wednesdays:** January 30, February 6, 13, 20, 27, March 6; 6 – 9 p.m.

See course description on page 6. **Fee: \$395**

## Certificate: General Contracting and Construction Standards

### XCST-060

**Section: M01 (New York City)** Saturdays: April 13, 20, 27; 9 a.m. – 5 p.m.

Understand how a general contracting business operates and/or how to hire a general contractor or construction manager for a residential or commercial project. You will be able to put principles and theories into action on any construction-oriented project. This class offers:

1. a comprehensive approach to **understanding the dynamics of the construction business**, including how to: formulate a reputable company; review and prepare a business plan; participate in a bidding process; understand RFI, RFQ and RFP procedures; craft a proposal, purchase order, boilerplate contracts, and custom contracts; and use AIA contracts.
2. an understanding of **contract administration and risk management**, providing you with the ability to reduce legal costs and allow legal counselors to provide better contractual language to defend your company from lawsuits or defaults from clients.
3. knowledge and tools to develop **project scheduling and planning** protocols and procedures to monitor construction labor, materials, and profit margins.

This course is registered and approved for professional continuing education for architects and engineers for license renewal. All sessions must be attended for CE credit. **Fee: \$395**

## Certificate: Heavy Equipment Operator

Immerse yourself in a real construction environment with a consistent emphasis on recognizing safe conditions and safe acts. Included in the 84-hour curriculum is a 12-hour dedicated safety course, as well as daily safety “tool box” meetings. The course teaches you how to operate a machine and about practical applications, including trenching, transport rigging, loading and securing cargo, demolition, tree removal, asphalt/concrete

removal, blueprint reading, and the use and applications of a transit (theodolite). Each certificate is divided into four 21-hour modules (levels 1 through 4) for each piece of equipment (**backhoe, excavator, payload, bulldozer and Skid-Steer**), focusing on a number of aspects of heavy equipment operation. Each 21-hour module may be taken individually. The safety course is comprehensive and tailored to the module’s subject matter as the course progresses. We also look at the aspects of driving heavy equipment machines on public roadways. Student evaluations are performed through a Skills Check Sheet system. Students are given ample time to hone their skills on all tasks presented. Please call 516.686.7490 for our exclusive flexible scheduling option.

**Fee: \$2,950 per 21-hour module/\$11,800 per 84-hour program**

## Certificate: Leadership and Project Management

This program, consisting of the 30-hour Concepts of Project Management (COPM) and 9-hour Negotiation and People Skills (NAPS), provides executives and senior managers, departmental supervisors, IT project coordinators, healthcare administrators, facility managers, office managers, and communication-technology personnel skills to enhance and improve team leadership and project management knowledge. Participants who complete both classes will be issued a certificate of completion equivalent to 35 hours of continuing education credits required by the Project Management Institute (PMI.org) to take the examination to obtain a PMI, CAPM or PMP designation. Courses can also be taken individually.

### **XBUS-051 Concepts of Project Management**

**Section: M01 (New York City)** Saturdays: February 2, 9, 23, March 2; 9 a.m. – 5 p.m. Master project management tools such as work breakdown structure, critical path, task analysis, project plan, scheduling, and more. Gain the skills

*\*This course satisfies HSW requirements.*

needed to plan, track progress, and stay focused on the end result. Where appropriate, you will learn PMBOK terminology and how it relates to certification. Class can be utilized for the continuing education credits for Project Management Institute (PMI.org) exam requirements for CAPM (Certified Assistant Project Manager) or PMP (Project Management Professional) designation. 30 hours of continuing education credits, 3 CEUs. **Fee: \$395**

### **[XBUS-052 Negotiation and People Skills](#)**

**Section: M01 (New York City) Saturday:** March 9; 9 a.m. – 5 p.m.

Understand the theory, processes, and practices of negotiation, conflict resolution, and decision

making so you can be a more effective negotiator. The course methodology is highly participatory and utilizes discussions and simulations in one-on-one and group situations. Class exercises emphasize organizational settings, but skills are applicable anywhere conflict occurs. The course can be utilized for the continuing education credits for Project Management Institute (PMI.org) exam requirements for CAPM (Certified Assistant Project Manager) or PMP (Project Management Professional) designation. 9 hours of continuing education credits, 9 CEUs. **Fee: \$295**

### **[XBUS-053 Certificate in Leadership and Project Management](#)**

**Section: M01 (New York City) Saturdays:** February 2, 9, 23, March 2, 9; 9 a.m. – 5 p.m.  
**Fee: \$595**

## **Noncredit Courses**

### **American Institute of Architects Continuing Education Series (AIA-CES) Professional Development for Architects**

NYIT's American Institute of Architects (AIA) Continuing Education Series includes topics critical to the contemporary practice of the profession. All offerings, registered and approved by the AIA for professional continuing education credits, are valid for meeting the requirements for AIA membership and state licensure.

#### **[\(NEW\) XARC-198 Jacobs II: FLW's Passive Solar House](#)**

**Section: FX01 (Self-Study Online)**

**LUs: 2**

In this course, we will examine the history of one of the most important commissions of the long, prolific career of America's master architect: Frank Lloyd Wright. We will review the origins of Wright's "Usonian" houses originating in the mid-1930s (starting with the Jacobs I house in Madison, Wis.) through to the commission for the second Jacobs house (a/k/a "Jacobs II") starting in 1942

through to its completion in 1948. This review will include an in-depth discussion of the many design features of the house that have resulted in it being recognized as the first passive solar residential design. Topics of discussion will include site selection, building orientation/shape, use of earthen berms, thermal massing, overhangs (for shading), glazing (for solar penetration), material selection, radiant-heat flooring, air-pressure differentials, convective loops etc. The legacy of the house to both passive and active solar design will be highlighted. **Fee: \$95**

#### **[\(NEW\) XARC-197 Different or Dysfunctional? Thom Mayne's San Francisco Federal Building](#)**

**Section: FX01 (Self-Study Online)**

**LUs: 2**

In this course we will examine the controversial San Francisco Federal Building (SFBB) by prominent "machine aesthetic" architect Thomas Mayne of the architectural design firm Morphosis. Conceived as part of the General Service Administration's Design Excellence program, the building was not initially conceived to achieve USGBC (U.S. Green Building Council) LEED (Leadership in Energy and Environmental Design), though energy efficiency was part of the GSA's brief and one of the reasons Mayne's design was selected. Ultimately, the building would receive a silver LEED certification (rather than the platinum rating it sought). In particular, we will focus on the controversial sustainable design features of the

building, including the use of natural ventilation in lieu of a standard HVAC system (above the fifth floor), skip-stop elevator service (whereby only every third floor is served by the main passenger elevators), and locating the employee cafeteria outside of the main building (in an adjoining plaza). We will also examine the result of a GSA report: Re-assessing Green Building Performance, which surveyed 22 federal office buildings nationwide (including the SFFB) and provided data on thermal comfort, lighting/acoustic quality, general workplace satisfaction, and more. We will try to understand why the SFFB scored in the lowest percentile/s in the aforementioned report areas.  
**Fee: \$95**

### **XARC-195 FALLINGWATER: The Most Beautiful House in the World**

**Section: W01 (Long Island) Saturday:**  
January 26; 9 a.m. – 6 p.m.  
**LUs:8**

When Edgar Kaufmann, Jr., enrolled as an apprentice in the Taliesin Fellowship, Frank Lloyd Wright took notice of the young man. It wasn't that Edgar was particularly talented and/or devoted to Wright's architectural ideals, in fact he had no intention of becoming an architect. Rather, it was his last name that sparked Wright's interest. Wright knew that he was the son of Edgar Kaufmann, Sr., owner of the Pittsburgh-based Kaufmann's Department Store—a "Merchant Prince" if there ever was one, with deep pockets and a taste for both art and architecture. The two men knew of each other from a previous correspondence, but with Edgar at Taliesin the stage was set for the two great men to meet and discuss a weekend retreat on a wooded property the Kaufmann's owned in southwest Pennsylvania. The result was "Fallingwater," considered to be the finest example of Wright's talent as an "Organic" architect, whereby the built and natural environment/s enhance one another. Perhaps the ultimate compliment is paid to Fallingwater by the many Japanese tourists who visit the house. They seem to have an intuitive and instantaneous understanding of Fallingwater's "Grammar." Considering Wright's lifelong love of Japanese art and culture, it makes a lot of sense. After all, Wright's ideal of "eliminating the insignificant" was, in fact, derived from the *okiyo-e* prints Wright collected/brokered and is omnipresent at Fallingwater. For the rest of us, Fallingwater's director hit the nail-on-the-head when she inferred that Fallingwater is, basically, a treehouse and everybody has—at one time or another—fantasized about living in a treehouse.  
**Fee: \$235**

### **XARC-196 Audubon House**

**Section: W01 (Long Island) Saturday:**  
February 2; 9 a.m. – 6 p.m.  
**LUs:8**

In the late 1980s, the National Audubon Society (NAS) set out to purchase a building for their new national headquarters in NYC. Little did they know they would, in a very real sense, begin in earnest the "Green Building Movement" of the 1990s, and beyond. Their motivation for creating an environmentally friendly, healthy workplace for their staff made perfect sense when you consider their status as a long established, widely respected environmental organization. However, it would be in the realm of energy efficiency that the NAS wanted to make a statement and set an example for others to follow. If Audubon House could show others that it made more sense to conserve energy (rather than fouling pristine environments like the Arctic National Wildlife Refuge in Alaska by drilling for oil there), the NAS would be fulfilling its stated mission to preserve natural habitats for birds and other wildlife. Ultimately, the ideas at the core of the project caught on at a time when not too many people were focusing on the built environment. **Fee: \$235**

### **XARC-193 Bridging the Hudson\***

**Section: FX01 (Self-Study Online)**  
**LUs: 8**

This course will examine the creation of one of the world's most important bridges – the George Washington Bridge, spanning the Hudson River between Fort Lee, New Jersey and Washington Heights in upper Manhattan. Our review will include an overview of the design/construction process which allowed the bridge to be built in phases. We will examine in great detail the creation of the four main cables of the bridge including materials, methods, systems, infrastructure requirements, equipment etc. used by the John Roebling's Sons Company to create this all-important structural component of the bridge. As well, we will examine in detail the "Hudson Challenge" which will include both late nineteenth and early twentieth century plans for a Hudson River bridge at locations in lower and/or mid-Manhattan. Special focus will be on the suspension bridge schemes of Gustav Lindenthal, master bridge Designer/Engineer. Tangential to this, we will examine the life and career of Othmar H. Ammann – the designer and Chief Engineer of the George Washington Bridge. This will include his complex relationship with Lindenthal and his early and later career as a prominent bridge engineer in his own right. The successful application of

“Deflection Theory,” as applied to the GWB’s design, will be of considerable interest and importance. **Fee: \$235**

### **XARC-194 Design Outlaws: Inventing the Future\***

**Section: FX01 (Self-Study Online)**

**LUs:3**

This course will examine the contributions made by individuals known as “Design Outlaws.” This will include an understanding of what it means to be defined as a Design Outlaw as it relates to technological invention/innovation. As well, the reaction to environmental problems/concerns in the 1960s and 1970s, resulting in the launching of the “Ecological Design” movement, will also be discussed/reviewed in depth and detail. In particular, we will focus on the contributions of some of the most important Design Outlaws of the 20th Century. Most prominent will be the life and work of R. Buckminster Fuller – futurist, inventor, philosopher and hero of the counterculture generation. We will examine his many contributions to “inventing the future,” including his “Dymaxion” car and house and his most successful design – the geodesic dome. Other individual Design Outlaws such as biologist John Todd, J. Baldwin and Stewart Brand will also be of great interest. **Fee: \$135**

### **(NEW) XARC-191 Levittown USA: Birthplace of Suburbia\***

**Section: W01 (Long Island) Saturday:**

February 9; 9 a.m. – 6 p.m.

**LUs: 8**

When Bill Levitt was a student at NYU, his favorite quote was: “the masses are asses.” Ironic when you consider the fact that, except for Henry Ford (HF), who put America on wheels, nobody in the 20th century did more to change the life of those masses, or “the great multitude” (as HF more politely referred to them), than did William J. Levitt. The suburban lifestyle many Americans enjoy today is due in large part to his vision of making the single-family home affordable to millions of Americans, just as HF made his “tin lizzy” affordable to the average American earlier in the century (at about the time Levitt was born). He was an accidental hero, or villain, depending on your point-of-view, being in the right place at the right time to make manifest the first mass-produced American suburb. His life was a drama worthy of an F. Scott Fitzgerald novel, played out in public for all the world to see; the rise to prominence and, later, the legendary fall from grace. With it all, Levitt’s legacy as the “Father of Suburbia” remains

firmly rooted in the soil of a Long Island potato field. **Fee: \$235**

### **XARC-190 Rockefeller Center\***

**Section: W01 (Long Island) Saturday:**

May 11; 9 a.m. – 6 p.m.

**LUs: 8**

*“...They all laughed at Rockefeller Center now they’re fighting to get in...”*

These lyrics to a song Fred Astaire sang in the 1937 Hollywood musical *Shall We Dance* pretty well sum up the story of Rockefeller Center. Conceived in the heyday of the 1920s economic boom but built in the depths of the Great Depression, critics scoffed at the idea of such a large commercial project, the largest ever conceived, saying it was a “profitless pit” for Rockefeller and his family fortune. They may have had a point in 1930, but by 1937, when these words were first put to music, Rockefeller Center had proved the skeptics wrong and indeed, the public and corporate America were rushing (if not fighting) to “get in.” Opened in 1932, Radio City Music Hall—with the world’s largest theater—had become the “Showplace of the Nation” while the annual lighting ceremony of the communal Christmas tree in front of 30 Rock (a tradition established by the construction workers) remains the focus of the holiday season in the Big Apple, attracting tourists and native New Yorkers alike. **Fee: \$235**

### **XARC-188 Boeing 747\***

**Section: FX01 (Self-Study Online)**

**LUs: 12**

This course will examine the history of the development of one of the most produced and influential commercial aircraft of the 20th Century: the 747-100 “Jumbo Jet.” We will review the need for a sub-sonic jet with greater comfort, convenience, range, and capacity by the mid-1960s (after the launching of the commercial “Jet Age”) with the introduction of the Boeing 707 in 1958 – the first jet airliner offering regular trans-Atlantic service. The role of the 747 as an interim (a/k/a “stop-gap”) aircraft to fill the void between the first generation jet airliners (sub-sonic) and second generation (super-sonic) and the series of events that led to the cancellation of the Boeing SST and rise to prominence of the 747 (in the wake of the SST’s demise) will be of great interest. As will the history of the Boeing Company itself; from its inception in 1916 through to the present day and the rise of commercial aviation in the inter- and post-war years it will provide historical context for the creation of the first 747 and latter-

\*This course satisfies HSW requirements

day variants. Also we will discuss in depth and detail the infrastructure and technologies used in the development of the 747 as an entirely new aircraft: conceived, designed, and produced in a twenty-nine month time frame. This will include the development from scratch of the Everett, Washington wide-body facility and the production techniques used to manufacture and test wide-body aircraft such as the 747 and later model Boeing wide-body aircraft. We will examine the influence of the C-5A Galaxy on the design of the 747, in particular as it concerns High-Bypass Turbofan Engine development and the influences of previous civilian and military aircraft produced by Boeing in the design of the 747-100. The design of the airframe, wings, control surfaces, egress, seating arrangements, avionics, communications, etc., will be discussed in depth and detail as will the first integral use of the Carousel IV Inertial Navigation System (INS). The legacy of aerial navigation leading up to INS and of the 747-100 itself to the aviation industry will also be of great interest and importance. **Fee: \$345**

### **XARC-187 UNISPHERE: Biggest World on Earth\***

**Section: FX01 (Self-Study Online)**  
**LUs: 4**

This course will examine the background and events leading up to the design, construction, and completion of *UNISPHERE* – centerpiece of the 1964/65 New York World’s Fair held in Flushing Meadows. To fully understand the edifice, we will review the background of fair/exposition centerpieces starting with the *Eiffel Tower* in 1889 through to the *Trylon* and *Perisphere* – centerpiece of the 1939/40 New York World’s Fair (*UNISPHERE* would occupy the same “Theme Center” location a generation later). Furthermore, we will examine in depth and detail the engineering and architecture involved in designing *UNISPHERE*. In particular, we will review the use of computers without which the structural design of *UNISPHERE* would not have been feasible. The unique materials and erection methods used by the *United States Steel* (USS) Corp. will be the subject of much discussion and interest as well. Also, the rehabilitation of *UNISPHERE* and its permanent place in Flushing Meadows-Corona Park will be highlighted. **Fee: \$135**

### **XARC-186 Gateway Arch Structure\***

**Section: FX01 (Self-Study Online)**  
**LUs: 7**

This course will examine the background and history of the *Gateway Arch National Park* (a/k/a *Jefferson National Expansion Memorial*) in St. Louis, Missouri. This will include the early origins of the *City of St. Louis*, its development as a commercial, industrial, and cultural center and the role played by its riverfront. We will also examine the role St. Louis played in the westward expansion of the *United States* and how the riverfront memorial celebrates that proud heritage. We will review the need for riverfront rehabilitation/development by the early 20th Century and how the idea of a memorial park with a thematic centerpiece was used to develop the riverfront into a national park while achieving “urban renewal” simultaneously. We will examine the politics, legislation, delays, design competition, structural engineering, architecture, innovative transportation system, etc., that led to the creation of *Gateway Arch*. We will study the peripheral development of the park, on-going maintenance problems, and plans for the future development of the national park on both sides of the *Mississippi River*. The life and work of the arch’s creator; “Modernist Master” architect *Eero Saarinen*, will also be examined in depth and detail. **Fee: \$205**

### **XARC-185 Lady Liberty’s Centennial Restoration: 1984 – 1986\***

**Section: W01 (Long Island) Saturday:**  
February 16; 9 a.m. – 6 p.m.

**LUs: 8**

Most people believe the Statue of Liberty was created for the sole purpose of welcoming immigrants to a new life in America—a belief based on its strategic location in New York Harbor, not its creator’s intention. Regardless, the Lady in the Harbor holds a special place in the American experience. After nearly a century of exposure to the elements and thousands of visitors, the monument was in dire need of a top-to-bottom repair/replace/improve restoration. What better way to justify a full restorative effort than the statue’s 100th birthday, July 4, 1986? **Fee: \$235**

### **XARC-184 White House Redux: The Gut Renovation of the Executive Mansion\***

**Section: W01 (Long Island) Saturday:**  
February 23; 9 a.m. – 6 p.m.

**LUs: 8**

The White House symbolizes the power and dignity of the “highest office in the land.” Every President has tried to remake it in their own image, some more (and more successfully) than others. The first major renovation came as a result of the burning of the White House during the War of 1812. Other significant renovations would occur in 1902 and 1927. However, it was Harry Truman who initiated and completed the most memorable and important renovation in the structure’s long life in 1949 – 1952. A major inconvenience, it had to be done for posterity and safety’s sake. The result: a masterpiece of restorative design/construction. **Fee: \$235**

### **XARC-183 Tennessee Valley Authority\***

**Section: FX01 (Self-Study Online)**

**LUs: 12**

Learn about the history of the Tennessee Valley from early settlements to the creation of “The Valley of the Dams.” Problems, including soil erosion, deforestation, disease, chronic unemployment/poverty, and lack of electricity, will be discussed as part of the need for the Tennessee Valley Authority (TVA). The use of “multipurpose” dams to achieve the TVA’s primary goals, flood control and improvement of the navigation of the river (by creating a nine-foot-deep navigable channel via dredging and locks), will be the main focus. The creation of hydroelectric dams for rural and/or industrial electrification will also be of great importance. Peripheral activities of the TVA (i.e., malaria control, housing, technological innovation/experimentation, etc.) as well as the supplemental creation of coal- and nuclear-powered generating plants will be reviewed. **Fee: \$345**

### **XARC-182 Truth Against the World: The Life and Architecture of Frank Lloyd Wright\***

**Section: FX01 (Self-Study Online)**

**LUs: 8**

Learn about the life of Frank Lloyd Wright, “America’s Architect,” starting with his early days in Wisconsin and including the three phases of his career as an accomplished architect. The influences of his mother and his “Lieber Meister,” architect Louis Sullivan, will be discussed in

detail. Other topics include: Wright’s preoccupation with reestablishing architecture as the supreme expression of culture; his “Prairie School” period; his work in and around Oak Park, Ill.; a scandalous affair with a client’s wife and abandonment of his family that led to his “Wilderness” period; and the influence of his third wife and their establishment of the Taliesin Fellowship, which led to the third and most productive period in his architectural career. **Fee: \$235**

### **XARC-181 Pennsylvania Turnpike: Road of Tomorrow\***

**Section: FX01 (Self-Study Online)**

**LUs: 4**

Examine the background, design, construction, expansion, and improvement of America’s first superhighway, the Pennsylvania Turnpike, including the creation of the initial 160-mile section between Irwin and Carlisle, Pa., along the right-of-way of the abandoned South Pennsylvania Railroad, and the use of roadbed and incomplete mountain tunnels to create a modern, high-speed, all-weather intrastate. We will discuss other roads’ and state highway systems’ impact on the turnpike. Topics will include the twinning of tunnels and bypasses; eliminating/adding interchanges/service plazas; roadway replacement/widening; electronic toll collection; and bridge replacement. Future plans (i.e., I-95 direct connection) and the turnpike’s significance as a model for the Interstate Highway System will be of great relevance. **Fee: \$135**

### **XARC-180 Sydney Opera House: On the Edge of the Possible\***

**Section: FX01 (Self-Study Online)**

**LUs: 10**

Learn about the Sydney Opera House in New South Wales, Australia. We will examine the venue’s history including early Aboriginal use, its development during the colonial period, its use as a defensive fort and tram depot, and its selection as the location for a National Opera House. We will examine the need for the opera house; the principals involved in its conception; the international competition to find a suitable design; and the winning design by Danish architect Jorn Utzon. We will review the construction “stages” and the resolution to the problem of designing and constructing the roof shells. We will also consider the fenestration and interior finishes/uses; the addition of an underground parking facility; renovations; and prospective plans for additional facilities. **Fee: \$295**

\*This course satisfies HSW requirements.

**XARC-179 Rockefeller Center:****City Within a City\*****Section: FX01 (Self-Study Online)****LUs: 4**

Examine the history of Rockefeller Center in New York City, including a review of the site in Colonial times, its ownership by Columbia University (the “Upper Estate”), and its development as a commercial complex. We will examine the initial plan to develop the complex for the Metropolitan Opera and changes to the plan because of the Great Depression. Discussions will include the modernist architecture of the structures and their construction, particularly the work of lead project architect Raymond Hood; its unique technical and aesthetic features; the magnificent art and sculpture, gardens, and public amenities; the role the center plays in the cultural life of the city it serves; the ancillary theaters that no longer exist; maintenance and operations; and the post-WWII westward extension of Rockefeller Center, the “Showplace of the Nation.” **Fee: \$135**

**XARC-178 The Woolworth Building:****At Home in the Clouds\*****Section: FX01 (Self-Study Online)****LUs: 10**

Learn about the conception, design, and construction of New York City’s Woolworth Building, including a review of the history of its site on lower Broadway, the evolution of the skyscraper form in Chicago and New York, and the difficulties involved in creating a solid foundation in the “soup soil” of lower Manhattan with 69 reinforced concrete piers via the use of pneumatic caissons. We will examine the use of portal braces and the unique method of wind bracing employed by structural engineer Gunvald Aus. Furthermore, we will look at the architectural design of master Beaux Arts architect Cass Gilbert by focusing on the ornate lobby arcade, façade, and roof treatments. We will review restoration/repairs, including an in-depth examination of the mechanical, electrical, plumbing, and elevator systems, all of which were state-of-the-art in 1913 when the building opened. The life and career of the building’s namesake—Frank Winfield Woolworth—including his motivations for creating the building, will be of particular interest. Last, we will review plans to make the tower portion of the building into luxury residences. **Fee: \$295**

**XARC-177 Pennsylvania Station\*****Section: FX01 (Self-Study Online)****LUs: 7**

This course examines the background, development, construction, operation, and demolition of New York City’s Pennsylvania Railroad Station, including why the Pennsylvania Railroad Company wanted to bring its trains into Manhattan to link with the Long Island Railroad. In particular, we will look at the New York Improvement and Tunnel Extension, including tunnels under the Hudson/East River/s and Manhattan Island as well as the New York Connecting Railroad, providing a rail link to New England via the Hell Gate Bridge. The creation of the terminal building and yard facility will be a primary focus—including the commission for a “Monumental Gateway” by McKim, Mead and White in the Beaux Arts style. The exterior and interior design of the facility will be studied as will its decline in the post-WWII era, leading to its demolition in 1963. The effects of the station’s demise, including the rise of the historic preservation movement and plans for the expansion of Penn Station to the Farley Post Office Building (“Moynihan Station”) will be of great interest.

**Fee: \$205****XARC-176 Audubon House:****From Here to Sustainability\*****Section: FX01 (Self-Study Online)****LUs: 3**

This course will focus on a “model” green building: the New York offices of the *National Audubon Society*, known as the *Audubon House*. We will examine the organization’s decision to purchase a century-old building and establish a precedent for constructing environmentally friendly buildings. The concern for the natural environment, specifically minimizing “eco- disruption,” will also be discussed. The history of the building as well as its gut renovation and façade restoration will be highlighted as will the *Croxton Collaborative*, the firm that pioneered methods, materials, and systems for green buildings. We will talk about materials, adhesives, finishes, lighting, mechanical equipment/ placement, in-house recycling, daylighting techniques, use of VOCs, recycled content products/materials, energy-efficient/saving devices and technologies, design/construction criteria, and the integrated “team” approach to the architectural and mechanical design. **Fee: \$135**

### **XARC-175 Light Gauge Metal Framing: The Sustainable Alternative\***

**Section: FX01 (Self-Study Online)**

**LUs: 4**

This course examines the sustainability, manufacture, pros/cons, workability, and application of Light Gauge Metal Framing (LGMF), also known as Cold-Formed Steel Framing. Our review will include a comparison of traditional wood framing and LGMF for residential structures. We will highlight similarities and differences between dimensional lumber and C-shaped steel members. Design standards and components used in LGMF as a “piece-for-piece” replacement for wood as well as “hybridization” will be discussed. We will focus on sustainable and other benefits such as dimensional stability, mechanical attachment, lightweight seismic performance, price, and fire performance as well as ways to overcome the thermal disadvantages of LGMF. The methods of joining LGMF and systems for framing a residential building will be examined, as will “stick-built” panelized and/or preengineered systems and the “prescriptive method” for LGMF. **Fee: \$135**

### **XARC-174 Frank Lloyd Wright's Masterpiece: The S.C. Johnson Wax Administration Building\***

**Section: FX01 (Self-Study Online)**

**LUs: 5**

How was a product as mundane as floor wax the catalyst for one of the greatest buildings of the 20th century by one of the greatest architects of any century: Frank Lloyd Wright? It was the quintessential FLW building, with the “scoundrel genius” at his very best—and worst. What made it all possible was a product called “Glo-Coat,” a self-polishing floor wax introduced by S.C. Johnson and Son in the early 1930s. Its success allowed Hibbard F. Johnson to create the “greatest office building in the world” for his employees. For FLW, the project came at a critical juncture. Nearing 70, it seemed his best years were behind him. Completed in 1939, the S.C. Johnson Wax Administration Building proved that FLW was still a force to be reckoned with. **Fee: \$165**

### **XARC-189 Presidents on the Rocks: The Making of Mount Rushmore\***

**Section: W01 (Long Island) Saturday:**

April 13; 9 a.m. – 6 p.m.

**LUs: 8**

It would be remembered as the greatest work of sculptural engineering the world had ever seen. The carving of Mount Rushmore required engineering knowledge, materials, methods, and systems borrowed from antiquity and the modern mining engineer. Unlike the ancient Egyptians and Greeks, however, the most effective chisel in the toolbox of the modern mountain carver was dynamite. Gutzon Borglum learned how effectively dynamite could be used from the miners who created tunnels through the Alps. The “honeycombing” process would allow the mountain carvers to remove the granite close to the finish surface without disfiguring the granite base. The fact that the Mount Rushmore Memorial took 14 years (1927–1941) to complete is misleading since more than half that time was due to weather conditions and/or financing problems.

**Fee: \$235**

### **XARC-173 AUTOBAHN: Das Road\***

**Section: W01 (Long Island) Saturday:**

April 20; 9 a.m. – 6 p.m.

**LUs: 8**

One of the ironies of Germany’s national road system, the Autobahn, was that the United States, with more than 20 million motor vehicles by the mid-1920s, would have to wait until the mid-1950s to get what Germany had at the outbreak of WWII. Even more ironic is that, at the time, Germany didn’t need such a road network since private car ownership was rare, reserved for the elite. Despite the Nazi Party’s contempt for a national road network, by the time they came to power, they recognized its value while the economical “Volkswagen” (“People’s Car”) solved the problem of empty Autobahns. Recognizing the strategic and commercial advantages of a modern highway system from his wartime experience, President Eisenhower would make manifest (though the Interstate Highway Act of 1956) what Germany had demonstrated was possible: a limited access, high speed, grade-crossing-less motorway extending far and wide. **Fee: \$235**

*\*This course satisfies HSW requirements.*

### **XARC-170 Maginot Line: Triumph of Military Engineering\***

**Section: W01 (Long Island) Saturday:**  
March 2; 9 a.m. – 6 p.m.

**LUs: 8**

*Maginot Line*—a defensive barrier or strategy that inspires a false sense of security. Merriam-Webster Dictionary.

Fear of a resurgent Germany motivated the creation of France's magnificent Maginot Line, a wonder of the world in the 1930s. Ironically, if a Frenchman (especially one who experienced the trenches of WWI) heard the words "Maginot Line," during the interwar years, it instilled a sense of pride and security. Even during the "Sitzkrieg" period (a/k/a "Phony War"), the Maginot Line, with its massive reinforced concrete walls/roofs, armored turrets, formidable weaponry, and invulnerable subterranean chambers was "the place to be" if a German attack came. Its failure came from lesser fortifications that were unable to stop the German Blitzkrieg in the Northeast. The older, larger fortifications, even when outflanked and attacked from both front and rear, were formidable—so much so that not one fell to the attacking enemy. The flaw lay in watering down fortifications that sought to extend the line to the North Sea and, more important, the failure of French generals to recognize the unfortified Ardennes as a gaping hole. Despite its shortcomings, the Maginot Line remains a triumph of military engineering. **Fee: \$235**

### **XARC-166 Boeing 747-100: The Plane That Changed the World\***

**Section: W01 (Long Island) Saturday:**  
March 30; 9 a.m. – 6 p.m.

**LUs: 8**

When the first 747-100 made its formal rollout in 1968, a crowd looked on in astonishment with many wondering how something so large would ever get off the ground. When conceived in the mid-1960s, the 747 was to serve an interim purpose. Referred to by Boeing's Chairman Bill Allen and Pan American Airways' Juan Trippe as a "stop-gap" airplane, it was to fill the time needed to develop the second generation of commercial jet aircraft: the Boeing 2707 SST, a larger, faster and further-flying variable-wing version of the Concorde. Alas, the Boeing SST would never be realized and the Concorde's glory is in the past. However, the 747 was the world's first wide-body (a/k/a "Jumbo") passenger jet airliner, though sub-sonic, and went on to become one of the most produced and beloved aircraft of the last and present century. **Fee: \$235**

### **XARC-163 Going Up! Going Down! A History of the Otis Elevator Company\***

**Section: W01 (Long Island) Saturday:**  
March 9; 9 a.m. – 6 p.m.

**LUs: 8**

Probably no invention revolutionized the world in the 19th century as did the elevator. It's not that the elevator was something new, the problem was safety because the hoist ropes (often made of hemp rope) would suddenly snap, sending the elevator hurtling earthward. It was just by coincidence that a "Master Mechanic" for a Yonkers, N.Y. bedding manufacturer named Elisha Graves Otis was assigned the task of creating a lift for heavy bed frames that the world got its first "safety elevator." Now, instead of a death plunge, a simple springloaded brake mechanism would engage "teeth" in the side rails if the tension in the rope was not present. **Fee: \$235**

### **XARC-158 Penn Station: Fall from Grace\***

**Section: W01 (Long Island) Saturday:**  
April 6; 9 a.m. – 6 p.m.

**LUs: 8**

If there was a bright side to the loss of New York's Penn Station—McKim, Mead and White's neoclassic masterpiece that reinterpreted Rome's Baths of Caracalla in the voluminous main waiting room—it was the prevention of a similar fate to its cross-town rival, Grand Central Terminal. The death sentence served on Penn Station gave life to a burgeoning historic preservation movement that is now codified in law, protecting our architectural treasures from their own "fall from grace." **Fee: \$235**

### **XARC-157 Woolworth Building: Cathedral in the Clouds\***

**Section: W01 (Long Island) Saturday:**  
April 27; 9 a.m. – 6 p.m.

**LUs: 8**

The creation and opening of the Woolworth Building in 1913 was one of the greatest accomplishments of the pre-WWI "Progressive Era" in the United States. The building not only had to be the tallest, but also the most recognizable and distinguished in its architectural design and features. It was a celebration of capitalism and commerce, a real-life story of a poor farm boy making good and realizing his dream. **Fee: \$235**

### **XARC-154 Town and Country: A Garden City for America\***

**Section: W01 (Long Island) Saturday:**

May 4; 9 a.m. – 6 p.m.

**LUs: 8**

In the years before WWI, four “movements” would come together to create Forest Hills Gardens: the “Suburb in the City.” The most important would be the Garden City movement made popular in Europe and England by urban theorist Ebenezer Howard. The “satellite city” he proposed was really an old idea made new: Develop on the outskirts of central cities towns that were well planned, accessible, and limited in their growth/population. **Fee: \$235**

### **XARC-130 Gateway Arch: Monument to a Dream\***

**Section: W01 (Long Island) Saturday:**

May 16; 9 a.m. – 6 p.m.

**LUs: 8**

Paris has the Eiffel Tower, Sydney has an Opera House, and New York has the gracious lady in the harbor: the Statue of Liberty. But perhaps nowhere else has a structure been more transformative for a city than in St. Louis, where a 630-foot-tall stainless-steel architectural sculpture stands in the Midwestern sun, beckoning visitors to come and celebrate the history of the city, its historic riverfront, and the expansion of the nation to the Pacific coast in the 19th century. **Fee: \$235**

### **XARC-102 Solar PV and Thermal Essentials\***

**Section: M01 (New York City) Tuesday  
and Thursday: March 5 and 7; 6 – 9 p.m.**

**LUs: 6**

Learn the essential elements of solar photovoltaic and thermal system design and integration. Solar PV topics include grid-tied and off-grid systems; safety, site assessment and restraints; user demand; sizing and designing; codes; BIPV (Building Integrated PV); and installation, inspection, commissioning, maintaining, and troubleshooting. Solar thermal topics include collection, storage, and distribution for domestic hot water; space heating; commercial applications; flat plate panels and evacuated tube collectors; system sizing and components; heat storage and heat exchange tanks; closed-loop, pressurized glycol antifreeze system; the single- and double-pump drain-back system; and a drain-down, open loop active system. **Fee: \$175**

### **XARC-111 Expanded Blueprint Reading\***

**Section: W01 (Long Island)**

Tuesday: April 2; 9 a.m. – 5 p.m.

**LUs: 7**

This course provides more extensive coverage of the basic components of reading and understanding design and construction blueprints and plans. Topics will include types of construction documents, why construction documents are needed, layout of construction documents, drawing symbols, orthographic projections, sectional views and details, diagrams, schedules and their use, site plans, specifications, and reproduction of drawings. **Fee: \$205**

### **XARC-050 Blueprint Reading\***

**Section: W01 (Long Island)**

Tuesday: March 26; 6 – 9 p.m.

**LUs: 3**

This course will cover the basic components of reading and understanding design and construction blueprints and plans. Topics will include types of construction documents, why construction documents are needed, layout of construction documents, drawing symbols, orthographic projections, sectional views and details, diagrams, schedules and their use, site plans, specifications, and reproduction of drawings. **Fee: \$135**

### **XARC-028 Universal Design: Accessible & Usable Buildings\***

**Section: W01 (Long Island)**

Saturday: May 4; 9:30 a.m. – 1:30 p.m.

**LUs: 4**

What are the aspects of architecture, engineering, and design that engender positive emotional responses among, or enable equal access by, users of contemporary spaces? Examples of the scale, proportions, materials, and color that are pleasing, afford natural light and views of nature, and that make provisions for users with disabilities will all be discussed. **Fee: \$135**

*\*This course satisfies HSW requirements.*

## Architecture

### **XCAD-037 Utilizing AutoCAD and Autodesk Inventor 2019**

**Section: W01 (Long Island)** Thursdays:  
January 31, February 7, 14, 21, 28, March 7,  
14, 28; 6 – 8:30 p.m.

If you want to learn AutoCAD and Inventor 2019 and are completely new to CAD, this introduction course explores the strengths of each and shows how they can be used in design, separately and in combination. Topics include: basic 2-D framing; light 3-D modeling; identifying work planes and subtle manipulation defining surfaces; manipulation of World Coordinate and User Coordinate Systems; basic creating and dimensioning of 2-D multiview drawings using AutoCAD; creating 3-D parametric models and 2-D multi-view drawings using Autodesk's Inventor; defining work sheets for printing; and how to reuse design information between AutoCAD and Autodesk Inventor.

**Fee: \$425**

### **XCAD-034 Revit MEP Fundamentals**

**Section: M01 (New York City)** Wednesdays:  
February 6, 13, 20, 27, March 6, 13, 27, April  
3, 10, 17; 6 – 9 p.m.

To take full advantage of Building Information Modeling (BIM), this course teaches the concepts and principles of creating 3-D parametric models of MEP systems. It introduces students to Autodesk Revit MEP's software interface and the basic HVAC, electrical, and piping/plumbing components that make it a powerful, flexible modeling tool. You'll get the tools necessary to create and document a complete parametric model. We will take you through the basics of a real-world project, from linking an architectural model to an MEP template to using Revit MEP tools to design HVAC, electrical, plumbing, and piping systems to create complete construction documents in 2-D or 3-D. **Fee: \$625**

For Additional Revit 2019 courses see **pages 6 and 7**.

## Career Development

### **(NEW) XCSR-040 Finding a Pathway to a Successful Career and Life**

**Section: M01 (New York City)** Saturdays:  
April 6, 13; 9 a.m. – 1 p.m.

Are you at a crossroads in your life? Are you feeling overwhelmed or stressed because of the rapidly changing pace of life and business and wish that you could get a handle on what's going on or what you should do next? In this workshop, you will come away with useful tools you can use now or in the future, a better understanding of your personality type, and a plan that consolidates the information gathered from the various exercises into a personalized plan aimed at achieving the success you desire. Facilitators: Barbara M. Kessler, Esq., CPC, President Life in Focus, LLC and Maribeth Kraus, M.A., ACC, President, MB Kraus Solutions, LLC and Past President, Long Island Chapter of the International Coach Federation. **Fee: \$95**

### **XCRS-034 Effective Job Search Planning**

**Section W01 (Long Island)** Thursday:  
March 28; 6 – 9 p.m.

In this class, participants will learn to build a sound, organized job search plan; effectively monitor their progress; and evaluate their results in order to find a good job as quickly as possible. They will also learn how to identify their skills, determine their ideal work environment, create a dynamic self-introduction ("two minute pitch"), and describe their career accomplishments in a way that will catch the attention of prospective employers. The facilitator will also discuss various job search techniques and the results that can be expected from each. **Fee: \$55**

### **XCRS-036 Resumes and Job Search Letters That Get Results**

**Section W01 (Long Island)** Thursday:  
April 4, 11; 6 – 9 p.m.

**Session 1:** Participants will be introduced to different resume styles and learn general guidelines for preparing them. They will also learn how to build each section of a resume, how to highlight their skills and expertise, and how to describe their accomplishments in a way that will distinguish them from other qualified candidates.

**Session 2:** Includes techniques for writing cover letters, marketing letters, follow-up letters and “revival” letters that will help differentiate you from other applicants, overcome objections that may have arisen during an interview, and potentially turn a rejection into a job offer or a networking opportunity.

**All participants will receive a free resume critique to all those who attend both sessions. Fee: \$110**

### **XCRS-037 Effective Interview Skills**

**Section W01 (Long Island) Thursday:**  
April 18 and 25; 6 – 9 p.m.

**Session 1:** Participants will learn what they need to do before, during, and after the interview to position themselves as the best candidate for the job. The facilitator will introduce them to the different types of interviews and interviewing styles that they may encounter during their job search and detail the purpose and dynamics of each. Participants will also learn how to successfully handle challenging questions, and what questions they need to ask.

**Session 2:** Participants will have an opportunity to apply the techniques they learned in the Effective Interview Skills session and gain a complete 360 degree perspective of an interview. With oversight by the facilitator, participants will be divided into teams of three and take turns playing each of three roles: the applicant, the interviewer, and the observer. This Interview Practice Session will enhance participants’ ability to have a successful interview and get job offers.

**Participants are asked to bring a copy of their resume and come prepared for an interview. Fee: \$110**

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## **Dance**

### **XATV-044 Ballroom Dancing for Social Occasions**

**Section W01 (Long Island) Thursdays:**  
February 28, March 7, 14, 28, April 4, 11, 18, 25; 7 – 8:45 p.m.

This course is intended for students who already possess prior experience in Foxtrot and Waltz and wish to become more proficient in these dances. The course is designed to reinforce the basics and expand on techniques needed to dance Foxtrot and Waltz more elegantly. As the course progresses,

higher-level figures and associated techniques will be presented. The instructor will utilize best practice syllabus-based techniques as a baseline. Emphasis will be placed on timing, dance and feet positions, alignment, amounts of turn, rise and fall, footwork, sway and contra body movement. These elements and more will be emphasized in order to refine lead and follow skills. All dance figures will be broken down and demonstrated and will be combined to form amalgamated routines. Foxtrot and Waltz can be danced to time-honored classics as well as contemporary music. Enrollment with a partner is recommended, however, singles are welcome. Participants should wear comfortable clothes and dance shoes or leather bottom shoes. Sneakers or rubber bottom shoes are not recommended. Instructor: Richard Fiore, Dual Licentiate/Trainer, USISTD. **Fee: \$80 per person**

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## **Driver Education**

### **XEDU-002 Driver Education**

**Section: W01 (Long Island)**

(For dates and times, call 516.686.7490)

Upon successful completion of this course, you will earn an MV 285 “Blue Card,” which gives eligibility for a 10 to 15 percent discount on insurance premiums with most companies and allows you to apply for a senior driver’s license at age 17. **Fee: \$645**

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## **Engineering: Professional Development for Engineers**

NYIT’s extended education program offers courses that meet the continuing education requirements in New York State for professional engineers. NYIT is approved by the New York State Education Department to sponsor mandatory continuing education for professional engineers seeking license renewal.

### **(NEW) XARC-198 Jacobs II: FLW’s Passive Solar House**

**Section: FX01 (Self-Study Online)**

**PDH: 2**

For course description, see **page 11**. **Fee: \$95**

*\*This course satisfies HSW requirements.*

**XARC-197 Different or Dysfunctional?  
Thom Mayne's San Francisco Federal  
Building**

Section: FX01 (Self-Study Online)  
PDH: 2

For course description, see page 11. Fee: \$95

**XARC-195 FALLINGWATER:  
The Most Beautiful House in the World**

Section W01 (Long Island) Saturday:  
January 26; 9 a.m. – 6 p.m.  
PDH:8

For course description, see page 12. Fee: \$235

**XARC-196 Audubon House**

Section W01 (Long Island) Saturday:  
February 2; 9 a.m. – 6 p.m.  
PDH:8

For course description, see page 12. Fee: \$235

**XARC-193 Bridging the Hudson\***

Section: FX01 (Self-Study Online)PDH:8  
For course description, see page 12. Fee: \$235

**XARC-194 Design Outlaws:  
Inventing the Future\***

Section: FX01 (Self-Study Online) PDH:3  
For course description, see page 13. Fee: \$135

**XARC-191 Levittown USA:  
Birthplace of Suburbia\***

Section: W01 (Long Island) Saturday:  
February 9; 9 a.m. – 6 p.m.  
PDH: 8

For course description, see page 13. Fee: \$235

**(NEW) XARC-190 Rockefeller Center\***

Section: W01 (Long Island) Saturday:  
May 11; 9 a.m. – 6 p.m.  
PDH: 8

For course description, see page 13. Fee: \$235

**XARC-188 Boeing 747\***

Section: FX01 (Self-Study Online)  
PDH: 12

For course description, see page 13. Fee: \$345

**XARC-187 UNISPHERE: Biggest World  
on Earth\***

Section: FX01 (Self-Study Online)  
PDH: 4

For course description, see page 14. Fee: \$135

**XARC-186 Gateway Arch Structure\***

Section: FX01 (Self-Study Online)  
PDH: 7

For course description, see page 14. Fee: \$205

**XARC-185 Lady Liberty's Centennial  
Restoration: 1984 – 1986\***

Section: W01 (Long Island) Saturday:  
February 16; 9 a.m. – 6 p.m.

PDH: 8

For course description, see page 14. Fee: \$235

**XARC-184 White House Redux:  
The Gut Renovation of the  
Executive Mansion\***

Section: W01 (Long Island) Saturday:  
February 23; 9 a.m. – 6 p.m.

LUs: 8

For course description, see page 15. Fee: \$235

**XARC-183 Tennessee Valley Authority\***

Section: FX01 (Self-Study Online)  
LUs: 12

For course description, see page 15. Fee: \$345

**XARC-182 Truth Against the  
World: The Life and Architecture of  
Frank Lloyd Wright\***

Section: FX01 (Self-Study Online)  
LUs: 8

For course description, see page 15. Fee: \$235

**XARC-181 Pennsylvania Turnpike:  
Road of Tomorrow\***

Section: FX01 (Self-Study Online)  
LUs: 4

For course description, see page 15. Fee: \$135

**XARC-180 Sydney Opera House:  
On the Edge of the Possible\***

Section: FX01 (Self-Study Online)  
LUs: 10

For course description, see page 15. Fee: \$295

**XARC-179 Rockefeller Center:  
City Within a City**

**Section:** FX01 (Self-Study Online)  
**PDH:** 4

For course description, see page 16. Fee: \$135

**XARC-178 The Woolworth Building:  
At Home in the Clouds**

**Section:** FX01 (Self-Study Online)  
**PDH:** 10

For course description, see page 16. Fee: \$295

**XARC-177 Pennsylvania Station**

**Section:** FX01 (Self-Study Online)  
**PDH:** 7

For course description, see page 16. Fee: \$205

**XARC-189 Presidents on the Rocks:  
The Making of Mount Rushmore**

**Section:** W01 (Long Island) Saturday:  
April 13; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, see page 17. Fee: \$235

**XARC-176 Audubon House:  
From Here to Sustainability**

**Section:** FX01 (Self-Study Online)  
**PDH:** 3

For course description, see page 16. Fee: \$135

**XARC-175 Light Gauge Metal Framing:  
The Sustainable Alternative**

**Section:** FX01 (Self-Study Online)  
**PDH:** 4

For course description, see page 17. Fee: \$135

**XARC-174 Frank Lloyd Wright's  
Masterpiece: The S.C. Johnson Wax  
Administration Building**

**Section:** FX1 (Self-Study Online)  
**PDH:** 5

For course description, see page 17. Fee: \$165

**XARC-173 AUTOBAHN: Das Road**

**Section:** W01 (Long Island) Saturday:  
April 20; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, see page 17. Fee: \$235

**XARC-170 Maginot Line: Triumph of  
Military Engineering**

**Section:** W01 (Long Island) Saturday:  
March 2; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, see page 18. Fee: \$235

**XARC-166 Boeing 747-100:  
The Plane That Changed the World\***

**Section:** W01 (Long Island) Saturday:  
March 30; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, see page 18. Fee: \$235

**XARC-163 Going Up! Going Down! A  
History of the Otis Elevator Company**

**Section:** W01 (Long Island) Saturday:  
March 9; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, please see page 18.  
Fee: \$235

**XARC-158 Penn Station:  
Fall from Grace**

**Section:** M01 (New York City) Saturday:  
April 6; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, please see page 18.  
Fee: \$235

**XARC-157 Woolworth Building:  
Cathedral in the Clouds**

**Section:** W01 (Long Island) Saturday:  
April 27; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, please see page 18.  
Fee: \$235

**XARC-154 Town and Country:  
A Garden City for America**

**Section:** W01 (Long Island) Saturday:  
May 4; 9 a.m. – 6 p.m.  
**PDH:** 8

For course description, please see page 19.  
Fee: \$235

**XARC-130 Gateway Arch:  
Monument to a Dream\*****Section: W01 (Long Island)** Saturday:  
May 16; 9 a.m. – 6 p.m.**LUs: 8**For course description, please see **page 19**.**Fee: \$235****XARC-102 Solar PV and Thermal  
Essentials****Section: M01 (New York City)** Tuesday and  
Thursday: March 5 and 7; 6 – 9 p.m.**PDH: 6**For course description, please see **page 19**.**Fee: \$175****XARC-111 Expanded  
Blueprint Reading\*****Section: W01 (Long Island)**

Tuesday: April 2; 9 a.m. – 5 p.m.

For course description, please see **page 19**.**Fee: \$205****XARC-050 Blueprint Reading\*****Section: W01 (Long Island)** Tuesday:

March 26; 6 – 9 p.m.

**PDH: 3**For course description, please see **page 19**.**Fee: \$135****XARC-028 Universal Design:  
Accessible & Usable Buildings\*****Section: W01 (Long Island)** Saturday:

May 4; 9:30 a.m. – 1:30 p.m.

**PDH: 4**For course description, please see **page 19**.**Fee: \$135**

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**Film****(NEW)XFLM-010 Great Cities in  
Cinema Part 1: New York on Film****Section: W01 (NYIT-Long Island)**Fridays: January 25, February 1, 8, 15, 22,  
March 1, 8; 1 – 3:30 p.m.**Section: M01 (NYIT-New York City)**Fridays: March 29, April 5, 12, 19, 26, May 3,  
10, 17; 1 – 3:30 p.m.

The neighborhoods of New York have been a creative catalyst for filmmakers dating back to the cameraman who captured the first footage of Broadway in 1896. They have served as a robust setting and vibrant force for dramatic action, a perennial motif for urban documentarians, and an organizing principle for romantic fantasy. Why, then, is New York so elusive? Why is it so rare that the actual look and feel of the City are rendered accurately? New York author and award-winning filmmaker Peter Josyph considers some of the grittiest, as well as some of the more idealized, depictions of New York by master filmmakers including William Friedkin, Ric Burns, Martin Ritt, Sidney Lumet, Woody Allen, and Martin Scorsese.

**Fee: \$165**



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New York Institute of Technology (NYIT) offers 90 undergraduate, graduate, and professional degree programs in more than 50 fields of study, including computer science, data, and cybersecurity; biology and biomedical studies; architecture and design; engineering; health professions and medicine; IT and digital technologies; management; communications and marketing; education and counseling; and energy and sustainability. A nonprofit, independent, private, and nonsectarian institute of higher education founded in 1955, NYIT welcomes more than 9,000 students worldwide. The university has campuses in New York City (Manhattan) and Long Island (Old Westbury), New York; Jonesboro, Arkansas; and Vancouver, British Columbia, as well as programs around the world, and sponsors 17 NCAA Division II programs. With a student-centered approach and generous scholarships, NYIT embraces its mission to provide career-oriented professional education, give all qualified students access to opportunity, and support research and scholarship that benefit the larger world. NYIT's caring, expert faculty and staff provide an outcomes-focused student experience and outstanding academic programs infused with technology. More than 100,000 NYIT alumni are part of an engaged network of physicians, architects, scientists, engineers, business leaders, digital artists, and health-care professionals. Together, the university's community of doers, makers, and inventors empowers graduates to change the world, solve 21st-century challenges, and reinvent the future.

**Statement on Non-Discrimination**

NYIT does not discriminate in admissions, access to, operation of, treatment or employment in its programs and activities on the basis of race, color, national origin, religion, creed, ethnicity, disability, age, marital status, sex, gender, sexual orientation, gender identity, veteran status, or any other legally protected status. The following person has been designated to handle inquiries regarding this non-discrimination statement or inquiries regarding Section 504 of the Rehabilitation Act of 1973 or Title IX of the Education Act of 1972:

Cheryl Monticciolo  
*Director, Compliance and Title IX Coordinator and 504 Coordinator*  
 New York Institute of Technology  
 Tower House, Room 106  
 Old Westbury, NY 11568  
 516.686.1080  
 cheryl.monticciolo@nyit.edu

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# How to Register for Spring 2019

Fill out the registration form so that we receive it five days prior to the first class.

## **By Fax**

516.686.3951 (include credit card information)

## **By Mail**

Mail the form, along with your check or credit card information, to:

New York Institute of Technology  
Extended Education  
Harry J. Schure Hall, room 209  
P.O. Box 8000  
Old Westbury, NY 11568-8000

## **In Person**

### **Long Island (Old Westbury, N.Y.) Campus**

Harry Schure Hall (Enrollment Services Center)  
Monday – Friday, 8 a.m. – 5 p.m.

### **New York City (Manhattan) Campus**

16 West 61st Street, 1st Floor  
(Enrollment Services Center)  
Monday – Friday, 9 a.m. – 5 p.m.

## **Online**

[nyit.edu/extended\\_education/courses](http://nyit.edu/extended_education/courses)

## **Confirmation of Registration**

After you register, you will receive a confirmation in the mail with information about your course time, place, room assignment, and any special instructions.

For more information, call us at 516.686.7490  
or email [exted@nyit.edu](mailto:exted@nyit.edu).



# Registration Form Spring 2019

REGISTER EARLY to ensure your place in the classes you want.

|                                    |     |               |          |
|------------------------------------|-----|---------------|----------|
| First name                         |     | Last name     |          |
| Address                            |     |               |          |
| City                               |     | State         | Zip code |
| Phone                              | Day | Evening       |          |
| Social security number             |     | Date of birth |          |
| Email                              |     |               |          |
| Have you previously attended NYIT? |     | Yes           | No       |
|                                    |     | If yes, when? |          |
| Occupation                         |     |               |          |
| Company name                       |     |               |          |

| Course # | Section | Name of course | Fee          |
|----------|---------|----------------|--------------|
|          |         |                |              |
|          |         |                |              |
|          |         |                |              |
|          |         |                | <b>Total</b> |

**CHECK ENCLOSED: Please make checks payable to New York Institute of Technology.**

**CHARGE MY CREDIT CARD (MasterCard, Visa, or American Express)**

MasterCard                      Visa                      American Express

**Cardholder** (please print)

**Card no.**

**Expiration date**

**Authorized signature**

**Card security code (CSC)**

**Discounts:** There is a 5 percent discount for senior citizens and NYIT alumni. Some programs and courses require proof of immunization. NYIT reserves the right to cancel any class, change class schedule, divide a class, or change instructors if necessary. Students will receive a full refund in any course in which they have enrolled that is canceled by NYIT.

**Withdrawal and refund policy:** No refunds will be granted for withdrawal from any noncredit course on or after the first scheduled day of class. Withdrawal must be in writing. Telephone cancellations cannot be honored.

**Collection policy:** By authorizing a registration or by dropping and/or adding or withdrawing or being dismissed from the courses I registered for this semester, I agree to be charged in accordance with the schedule set forth in NYIT's online catalogs and nyit.edu with respect to payment of tuition and fees, refunds, dropping and adding courses, and, withdrawal and dismissal policies and procedures. I agree to be bound by this registration form and abide by NYIT's rules and regulations set forth

in NYIT's online catalogs and nyit.edu. I agree to pay my debt to NYIT for any amounts due for tuition and fees and other charges. If my charges are not paid when due, I agree to pay NYIT all fees and costs associated with the collection of my delinquent account. In addition to payment of the principal amount due, the additional fees and costs may include collection agency fees constituting 33 to 50 percent of the principal amount due if NYIT engages a collection agency to collect payment; legal fees of 33.3% of the principal amount due if NYIT engages legal counsel to collect payment; and all interest on the outstanding balance at the maximum legal rate allowed by law and any and all other costs associated with collection of the amount due NYIT. I understand my obligation to pay some or all of these additional fees and costs associated with collection of my delinquent account.

**Student's  
signature**

**Date**

MM/DD/YYYY

# **NEW YORK INSTITUTE OF TECHNOLOGY**

Northern Boulevard, P.O. Box 8000, Old Westbury, NY 11568-8000

## **Long Island (Old Westbury, N.Y.) Campus**

Northern Boulevard  
Old Westbury, N.Y. 11568  
(three traffic lights east  
of Glen Cove Road)

## **New York City (Manhattan) Campus**

1855 Broadway  
New York, N.Y. 10023  
(at 61st Street)