FALL 2014
EXTENDED EDUCATION

(Course Offerings)
- Non-credit courses and certificate programs
- Personal enrichment seminars
- Customized corporate training

This summer look to the future!
Build your skills!
Advance your career!
What is Extended Education?
Extended Education offers quality programs designed to meet the needs of part-time, nontraditional student populations. Our non-credit courses draw upon the curricular strengths of NYIT to provide professional training and personal enrichment in architecture, art and design, AutoCAD, computer technology, corporate training, dance, driver education, engineering, interior decorating, and more. Courses are offered at convenient times and affordable rates at campus locations in the New York metropolitan area.

We invite you to explore our course offerings and discover the ways that NYIT’s Extended Education program can assist you in advancing your educational and career goals. For further information about our courses and programs or to speak to a counselor, call 800.886.NYIT (6948) or visit nyit.edu/exted.

Corporate Training
Extended Education courses can upgrade the skills and knowledge base of your workforce. You can obtain greater employee satisfaction and improved work performance through existing or custom-designed programs in AutoCAD, business, engineering or interior design, among other areas. Flexible course schedules (days, evenings, or weekends) allow you to find a time that is best for you. Courses may be conducted at your facility or at our conveniently located campuses on Long Island and Manhattan.

To find out how we can help with your corporate training needs, call 516.686.7491 or email jknowles@nyit.edu.

Youth Programs
The Pre-College Program is available to high school sophomores, juniors, and seniors. Students participate in college-level study while earning college credits. For information on how to jump-start on a college career, call 800.886.NYIT(6948).

NEW THIS FALL!
Heavy Equipment Operator Certificate, see page 5.
For architects, Certificate in Revit Architecture, Mr. Holland’s Tunnel, and Conquest of the Hudson, see pages 2, 6.
For engineers, AutoDesk Inventor and REVIT MEP FUNDAMENTALS, see page 14.
For design professionals, Drawing Techniques for the Interior Decorator, see pages 4.
Career Development Courses, see page 14.

800.886.NYIT (6948)
nyit.edu/exted
# Extended Education

## Fall 2014

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NON-CREDIT
CERTIFICATE PROGRAMS

CERTIFICATE AutoCAD 2014
This certificate is designed to build job mastery for the practicing construction professional, architect, designer, engineer, programmer, or technician. The courses presume no previous background in the use of AutoCAD, but those who enroll are expected to have basic computer skills and knowledge of the basic principles of drafting. To earn the certificate in AutoCAD 2014, each participant must complete all four courses, which may be taken in different semesters. Courses also may be taken individually for skill enhancement. *NOTE: These courses are registered and approved by the AIA 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 (Old Westbury)
Thursdays: Sept. 11, 18, Oct. 2, 9, 16, 23; 6 – 9 p.m.
Section: M01 (Manhattan)
Tuesdays: Sept. 9, 16, 23, Oct. 7, 14; 6 – 9 p.m.
Fee: $395
During this hands-on course, architect, engineers, drafters, and design professionals use AutoCAD 2014 and learn about the tools and techniques necessary to complete and edit production drawings using basic 2-D commands.

XCAD-024
AutoCAD Level II Part A
Section: W01 (Old Westbury)
Thursdays: Oct. 30, Nov. 6, 13, 20, Dec. 4, 11; 6 – 9 p.m.
Section: M01 (Manhattan)
Tuesdays: Oct. 21, 28, Nov. 11, 18, 25, Dec. 2; 6 – 9 p.m.
Fee: $395
In this intermediate course, participants use AutoCAD 2014 and expand on basic 2-D commands to refine and edit production drawings.

XCAD-025
AutoCAD Level II Part B
Section: W01 (Old Westbury)
Mondays: Sept. 8, 15, 22, 29, Oct. 6, 20; 6 – 9 p.m.
Section: M01 (Manhattan)
Mondays: Sept. 8, 15, 22, 29, Oct. 6, 20; 6 – 9 p.m.
Fee: $395
As a continuation of the AutoCAD 2014 Level II Part A, this course expands participants’ knowledge of advanced 2-D commands to increase their customizing ability and productivity. *Note: 3-D commands will not be covered in this course.

XCAD-026
AutoCAD III: 3-D Modeling and Rendering
Section: W01 (Old Westbury)
Mondays: Oct. 27, Nov. 3, 10, 17, 24, Dec. 1; 6 – 9 p.m.
Section: M01 (Manhattan)
Mondays: Oct. 27, Nov. 3, 10, 17, 24, Dec. 1; 6 – 9 p.m.
Fee: $395
Using AutoCAD 2014, learn to use the 3-D commands to create and use drawing planes. Gain skills to render surface and solid models.

XCAD-027
AutoCAD Advanced 3-D
Please see description of course on page 14.

CERTIFICATE REVIT
ARCHITECTURE 2014
This certificate is designed to build job mastery for the practicing construction professional, architect, designer, engineer, programmer, or technician. The courses presume no previous background in the use of Revit, but those who enroll are expected to have basic computer skills and knowledge of the basic principles of drafting. To earn the certificate in Revit Architecture 2014, each participant 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 (Old Westbury)
Saturdays: Sept. 13, 20, 27, Oct. 4, 11, 18; 9:30 a.m. – 12:30 p.m.
Section: M01 (Manhattan)
Thursdays: Sept. 11, 18, 25, Oct. 2, 9, 16; 6 – 9 p.m.
Fee: $395
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 the fundamentals of Revit (BIM). Gain an overview of the programs features and tools, with such topics as: documentation history and trends; project templates; exploring the user interface and discovering project work flow; and exploring the vast content provided right out of the box in multiple project types.
NON-CREDIT CERTIFICATE PROGRAMS

XCAD-032
Intermediate Revit
Section: W01 (Old Westbury)
Saturdays: Nov. 8, 15, 22, Dec. 6, 13, 20; 9:30 a.m. – 12:30 p.m.
Section: M01 (Manhattan)
Thursdays: Nov. 6, 13, 20, Dec. 4, 11, 18; 6 – 9 p.m.
Fee: $395

Starting where our beginner class left us, we continue to 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; sections and elevations; schedules and project phasing tools. Here is where you learn to appreciate the power of your "I" in BIM. Topics to be covered: working from a sketch to create a massing study; dimensioning (temporary and permanent); stairs, ramps and railings; creating rooms and color fill patterns; detailing and annotation.

XCAD-035
Advanced Autodesk Revit Architecture
Section: W01 (Old Westbury)
Saturdays: Sept. 20, 27, Oct. 4, 11, 18, 25; 1 – 4 p.m.
Section: M01 (Manhattan)
Wednesdays: Oct. 1, 8, 15, 22, 29, Nov. 5; 6 – 9 p.m.
Fee: $395

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 of the program. 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; best practice (performing quality control on your BIM project). Prerequisite: Intermediate Revit

For Additional Revit 2014 courses see page 14.

CERTIFICATE IN INTERIOR DECORATION

The certificate in interior decoration is aimed at adults who wish to pursue a new or an alternate career as an interior decorator. Upon successful completion of eight 10-week courses (five required and three electives) students will be awarded a certificate in interior decoration. The required courses are as follows: XDSG-001, XDEC-001, XDEC-002, XDEC-005 and XFSH-014. Courses meet for 10 sessions unless otherwise stated. Two five-week electives fulfill the requirement of one 10-week elective. It is recommended that required courses be taken in order for best learning comprehension. Students must apply for the certificate in interior decoration upon completion of the program (applications are available at the Office of Extended Education). Students may also take individual courses for personal enrichment. An advanced certificate in interior decoration requires that a total of 12 (10-week) courses be successfully completed.

XDSG-001
Design…Where It All Begins
Section: W01 (Old Westbury)
Thursdays: Sept. 11, 18, Oct. 2, 9, 16, 23, 30, Nov. 6, 13, 20; 9:30 a.m. – noon.
Section: W02 (Old Westbury)
Wednesdays: Sept. 10, 17, Oct. 1, 8, 15, 22, 29, Nov. 5, 12, 19; 6:30 – 9 p.m.
Fee: $305

This course introduces students to the fundamentals of interior decoration. Integration of form, color, and texture into a harmonious whole is at the core of this course. Spatial and three-dimensional organizations are covered as well. This is a project-oriented, “learn-by-doing” program.

XDEC-001
Basic Drafting for Interior Decorators
Section: W01 (Old Westbury)
Tuesdays: Sept. 9, 16, 23, 30, Oct. 7, 14, 21, 28, Nov. 11, 18; 9:30 a.m. – noon.
Section: W02 (Old Westbury)
Thursdays: Sept. 11, 18, Oct. 2, 9, 16, 23, 30, Nov. 6, 13, 20; 6:30 – 9 p.m.
Fee: $305

Students learn the methods and techniques of basic drafting and detailing for interior space planning. Students are taught how to execute scale, room plans, reflective ceiling plans, and elevations. Prerequisite: XDSG-001. **Equipment is required: estimated cost is $125 (not included in cost of course).

XDEC-002
Interior Decorating and Applications I
Section: W01 (Old Westbury)
Wednesdays: Sept. 10, 17, Oct. 1, 8, 15, 22, 29, Nov. 5, 12, 19; 9:30 a.m. – noon.
Section: W02 (Old Westbury)
Thursdays: Sept. 11, 18, Oct. 2, 9, 16, 23, 30, Nov. 6, 13, 20; 6:30 – 9 p.m.
Fee: $305

In this course, interior decoration skills are developed through a series of projects. Students begin to apply their knowledge to simple interior spaces. Emphasis is placed on function, analysis, and space planning. Students also begin to incorporate color, furniture, and finishing, while graphically representing the interior space. Prerequisites: XDSG-001, XDEC-001.

XDEC-005
Business Practices for Interior Decorators
Section: W01 (Old Westbury)
Mondays: Sept. 8, 15, 22, 29, Oct. 6, 20, 27, Nov. 3, 10, 17; 6:30 – 9 p.m.
Fee: $305

An introduction to the many aspects involved in maintaining a successful interior decorating practice. Some topics covered include contracts, legal responsibilities, fees, marketing strategy, client interviewing, and professional organizations.
NON-CREDIT CERTIFICATE PROGRAMS

XFSH-014
Fabrics and Materials
Section: W01 (Old Westbury)
Thursdays: Sept. 11, 18, Oct. 2, 9, 16, 23, 30, Nov. 6, 13, 20; 9:30 a.m. – noon.
Section: W02 (Old Westbury)
Wednesdays: Sept. 10, 17, Oct. 1, 8, 15, 22, 29, Nov. 5, 12, 19; 6:30 – 9 p.m.
Fee: $305
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.

XART-078
Drawing Techniques for the Interior Decorator
Section: W01 (Old Westbury)
Tuesdays: Sept. 9, 16, 23, 30, Oct. 7, 14, 21, 28, Nov. 11, 18; 10 a.m. – 12:30 p.m.
Fee: $305
Your skills in basic drawing including gesture, contour, cross contour, shading and basic aerial and linear one point perspective will be instructed. Colored pencils will be used in this class to develop your drawing abilities. Bring a small tablet of plain white paper, a kneaded eraser and an ebony pencil to the first class and a supply list will be distributed for future classes. Cost of materials approx. $50.00.

XART-080
Basic Drawing
Section: W01 (Old Westbury)
Thursdays: Oct. 2, 9, 16, 23, 30; 10 a.m. – 12:30 p.m.
Fee: $205
Students will learn to draw landscapes, people places and things focusing on the basic elements of drawing with an emphasis on perspective and technique. Approximate cost of materials $100.00.

XDEC-033
Space Planning: Residential
Section W01 (Old Westbury)
Wednesdays: Sept. 10, 17, 24, Oct. 1, 8, 15, 22, 29, Nov. 5, 12, 19; 10 a.m. – 12:30 p.m.
Fee: $305
Introduction to the historical development of interior decoration and design. Study of space planning—furniture layouts in a residence. Analysis of color psychology in a living environment. Preparation of a residential space plan project. Prerequisites: XDSG-001 and XDEC-001.

XDEC-004
Kitchens and Baths
Section: W01 (Old Westbury)
Thursdays: Sept. 11, 18, Oct. 2, 9, 16, 23, 30, Nov. 6, 13, 20; 9:30 a.m. – noon
Fee: $305
Students 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 related specifically to kitchens and baths. Prerequisite: XDEC-001.

XDEC-029
Practical Decorating
Section: W01 (Old Westbury)
Fridays: Oct. 10, 17, 24, 31, Nov. 7; 9:30 a.m. – noon.
Fee: $205
This is a course that addresses 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.

XDEC-009
Resource Sampler Workshop
Section: W01 (Old Westbury)
Wednesdays: Oct. 1, 8, 15, 22, 29; 10 a.m. – 12:30 p.m.
Fee: $205
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.

XDEC-010
Accessories
Section: W01 (Old Westbury)
Fridays: Nov. 14, 21, Dec. 5, 12, 19; 9:30 a.m. – noon.
Fee: $205
Accessories are essential in putting the finishing touches on any room. Topics will include: the use of Shui and Green Design basics to your home and workplace you will learn to choose healthy options for you, your clients, and the planet. In this class you will develop awareness to select colors, shapes, textures, and accessories to uplift the energy in a space and enhance areas of your life that need improving. A field trip to green resource showrooms will be included.
of color in accessories and accent pieces; the importance of using the right artwork, flowers, collectibles, and pillows; and more.

**XART-046**  
**Color Workshop for Interior Decorators**  
**Section:** W01 (Old Westbury)  
Wednesdays: Oct. 23, 30, Nov. 5, 12, 19; 10 a.m. – 12:30 p.m.  
**Fee:** $205  
This course will explore many of the aspects of color, such as the psychological and emotional responses to color, and how different cultures and age groups relate to color. Students will learn about the uses of color in various industries, and the relationship of color to light and texture. This understanding will help designers develop appropriate color schemes for clients.

**XART-027**  
**Portfolio Workshop – Color Rendering**  
**Section:** W01 (Old Westbury)  
Wednesdays: Sept. 10, 17, Oct. 1, 8, 15; 9:30 a.m. – noon  
**Fee:** $205  
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.

**XDEC-028**  
**Window Fashions**  
**Section:** W01 (Old Westbury)  
Wednesdays: Sept. 10, 17, Oct. 1, 8, 15, 22, 29, Nov. 5, 12, 19; 9:30 a.m. – noon  
**Fee:** $305  
Students learn about the 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. Students 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 in the course.

**XDEC-006**  
**Lighting**  
**Section:** W01 (Old Westbury)  
Tuesdays: Sept. 9, 16, 23, 30, Oct. 14, 21, 28, Nov. 4, 11, 18; 9:30 a.m. – noon  
**Fee:** $305  
Proper lighting is vital to the success of an interior design. Types of artificial light, their location, quantity, color balance, lifespan, output, and other characteristics are topics that will be examined. Students will learn how to develop a lighting plan and specification schedule. A field trip to a lighting showroom may be included to enhance and clarify the material covered in class.

**XCAD-016**  
**AutoCAD for Interior Decorators**  
**Section:** W01 (Old Westbury)  
Thursdays: Sept. 11, 18, Oct. 2, 9, 16, 23; 6 – 9 p.m.  
**Fee:** $395  
See course description on page 2.

**HEAVY EQUIPMENT OPERATOR CERTIFICATE**  
**Fee:** $32,950 per 21-hour module/$11,800 per 84-hour program  
This course program immerses the student in a real construction environment with a consistent emphasis on recognizing safe conditions and safe acts. Included in the 84-hour course curriculum is a 12-hour dedicated safety course, as well as daily safety “tool box” meetings. The course not only teaches the student how to operate all of the aforementioned machines, but practical applications are also taught, including: trenching, transport rigging, loading and securing cargo, demolition, tree removal, asphalt/concrete removal, blue print reading and the use and applications of a transit (theodolite). Each certificate is divided into four 21-hour modules, level 1 through 4, for each piece of equipment — backhoe, excavator, payloader, and bulldozer—that focuses on a number of aspects of heavy equipment operation. Each 21-hour module may be taken individually. The safety course subject matter is comprehensive and tailored to the module subject matter as the course progresses. We also look at the aspects of driving heavy equipment machines on the public roadway. Student evaluations are performed through the use of a Skills Check Sheet system. The students are given ample time to hone their skills on any and all of the tasks presented. Please call 516.686.7490 for our exclusive Flexible Scheduling option.

**XBUS-050 Strategic Corporate Social Responsibility (CSR) and XBUS-051 Global Reporting Initiative (GRI) Certificate**  
**Section:** W01 (Old Westbury)  
Tuesdays: Sept. 16, 23, 30, Oct. 7, 14, 21, 28, Nov. 11, 18, 25; 6 – 9 p.m.  
**Section:** M01 (Manhattan)  
Wednesdays: Sept. 17, Oct. 1, 8, 15, 22, 29, Nov. 5, 12, 19, Dec. 3; 6 – 9 p.m.  
**Fee:** $2,950  
Class will help attendees understand the International Organization for Standardization (IOS) 26000 Social Responsibility and G4 Sustainability Reporting Guidelines. It will be broken down to two 10-week three-hour programs. The first 10-week session will cover ISO 26000. Participants will receive a CSR Certified Professional. For a CSR Advanced Certified Professional, the second part of the program will need to be taken and this 10-week program will cover G4 Sustainability Reporting Guidelines. The GRI certificate will be offered in the spring 2015 semester.
NYIT’s extended education program and the School of Architecture and Design collaborate to offer the American Institute of Architects Continuing Education Series (AIA-CES), which covers a variety of topics critical to the contemporary practice of the profession. All offerings are registered and approved by the AIA for professional continuing education credits and are valid for meeting the requirements for AIA membership and state licensure.

(NEW!) XARC-156
Mr. Holland’s Tunnel
Section: W01 (Old Westbury)
Thursday: Oct. 16: 6 – 11 p.m.
Fee: $165
LUs: 5

In January 1918, lighters carrying coal destined to heat homes and businesses on the island of Manhattan were ice-bound in a frozen Hudson River. The two states on either side of the river; New York and New Jersey, began looking into a trans-Hudson crossing in 1906, at first favoring a bridge. By 1913, a tunnel with adequate capacity (via twin mono-directional tubes) and a revolutionary mechanical ventilation system (to remove the deadly carbon monoxide) was decided upon. By 1919, Chief Engineer Clifford M. Holland was given the green light to proceed. To honor his heroic effort, the tunnel was posthumously named in his honor. The tunnel set the gold standard for ventilated vehicular tunnel design still used today. A financial and commercial success, in its wake came more tunnels (and bridges) to break the water barrier that had isolated Manhattan from the rest of the nation.

XARC-147
Five-By-Five: The Making of the Pentagon
Section: W01 (Old Westbury)
Tuesday: Nov. 21: 6 – 11 p.m.
Fee: $165
LUs: 5

Conceived in the mind of a logistical genius, the basic “Five-By-Five” (five sides by five floors) design of the Pentagon was conceived in a weekend’s time. With war imminent, 4,000 workmen labored to construct the largest office building in the world. After Dec. 7, 1941, the completion of the building was a national priority and 15,000 men worked in three shifts to get the job done. By April 1942, the first tenants moved in. The Pentagon was dedicated in January 1943 and completed by February 1943—only 16 months after it began. *NOTE: This course satisfies HSW requirements.

XARC-146
Road of Tomorrow: The Pennsylvania Turnpike
Section: W01 (Old Westbury)
Saturday: Oct. 25: 9 a.m. – 3 p.m.
Fee: $175
LUs: 6

By using the South Penn Rail Road’s route through rather than over the mountains, 9,000 feet of vertical climb would be saved by the motorist. As well, it would be a limited access, all-weather highway with scientifically engineered features to avoid the many hazards and inefficiencies of roads of the era. Another benefit would be the more than 15,000 jobs it created during the Depression and the economic boom to the Commonwealth of Pennsylvania (as demonstrated by having a high-speed intrastate artery that paid for itself with toll revenues). The Pennsylvania Turnpike set the example for what would become the Interstate Highway System which tied together a vast continent, much as “America’s Pioneer Super/Dream/ Tunnel Highway” tied together the great State of Pennsylvania from the day it opened in 1940. *NOTE: This course satisfies HSW requirements.
Was it good intentions that led the San Francisco Federal Building to achieve a dismal 13% employee satisfaction rating in an internal GSA survey? It seems to be so, despite the fact that the building has won wide praise and many distinguished awards from the architectural world for its bold "machine aesthetic" design. The building scores well in energy efficiency, due in large part to its lack of a traditional HVAC system that saved $11 million in construction costs. But the use of superfluous, non-essential design features sets off that gain and the fact that many of the building's employees find their workplace intolerable, for a variety of reasons, is troubling indeed. Architect Thom Mayne's intentions seem to have been noble: save energy by taking advantage of San Francisco's temperate climate, make use of natural light, promote worker health, social interaction etc. However, it appears many of Mayne's social experiments put into practice in the architectural and sustainable design of the SFBB were valid theoretically, but proved invalid in application. *NOTE: This course satisfies HSW requirements.

Architect Othmar Ammann set out to design a more practical bridge for vehicles only, adaptable to future needs and designed and built with the use of superfluous, non-essential design features that saved $11 million in construction costs. But the “Solar Hemicycle.” The exposed house would be sheltered from bitter winter winds by an earthen berm on three sides while the south-facing, semi-circular window wall would allow the building to be naturally heated via “thermal massing” (limestone walls and concrete floor). The design would also allow for natural cooling to occur via air-pressure differentials and convection current flow/s. The house was a great success and is recognized as the first passive solar design residential structure. It stands out as one of Wright’s most important buildings in his long and prolific career. *NOTE: This course satisfies HSW requirements.

The “big idea” behind the bridge: maintain the beauty and fragile ecosystem of the river and its valley for posterity by “touching the earth lightly.” That meant selecting a bridge type/method of construction, pier foundation/type/s, soil erosion/ water contamination control measures and site monitoring/restoration during all phases – before, during and after – construction to make sure the ten acres the bridge and its approaches occupy in the Iowa River Greenbelt testify to the care and concern for its well-being that the men and women who designed and built it at the beginning of the twenty-first century took to keep it that way for the generations of Americans yet to be born. *NOTE: This course satisfies HSW requirements.

Harold Pitcairn, an avid aviator, aircraft pioneer/ manufacturer, and entrepreneur recognized the potential of the Autogiro. Altitude records were set, a promotional tour featuring aviation luminary Amelia Earhart was a great success, and expanding commercial use of the type seemed to foretell great things for the rotary wing aircraft whose greatest selling point were its safety and ability to land in a space no larger than its own shadow. When Juan de la Cierva solved the problem of “Dissymmetry of Lift” (an unbalance in lift caused by advancing and retreating rotor blades), he not only made the Autogiro take flight, but also solved one of the problems holding back development of the helicopter. Though the “Convertible” derivative of the Gyroplane/Autogiro – Fairey Aviation’s Rotodyne never went past the prototype stage (due to cost overruns and excessive noise); the benefits of combining the best of both the helicopter and gyroplane has not been lost on modern aircraft designers. Companies like Groen Brothers Aviation (GBA) are revitalizing the hybrid design for multiple roles, ushering in a new era in aviation history. *NOTE: This course satisfies HSW requirements.

The “Hudson Challenge” was hindered by imposition by both states on either side of the river (at different times). Navigation unhindered by river piers meant one thing: it would have to be a suspension bridge. A brilliant Swiss engineer named Othmar Ammann, set out to design a more practical bridge for vehicles only, adaptable to future needs and designed and built with modern materials, methods, and systems, thus allowing for a more efficient, cost effective and beautiful design. The result: the world’s busiest (and heaviest) bridge – the George Washington. *NOTE: This course satisfies HSW requirements.
Atlantic in a small plane in 1927, it would be the
Though Lindbergh had flown nonstop across the
LUs: 8
Fee: $235
Saturday: Oct. 18: 9 a.m. – 6 p.m.
Section: W01 (Old Westbury)
XARC-140
Frank Lloyd Wright’s House of Wax
Section: W01 (Old Westbury)
Tuesday: Oct. 7: 6 – 11 p.m.
Fee: $165
LUs: 8
The bridge Dr. Steinman conceived in his fertile
imagination and brilliant analytical mind would
hold the forces of nature at bay and provide the
physical link necessary to make Michigan a whole
rather than two halves. The courage and sacrifice
of the men who built it is the stuff of legend while
the bridge itself serves as a utilitarian edifice for
trans-Straits commerce/transportation. Bridging
the wide and difficult Mackinac Straits is a case-
study of how and why bridges mean so much
to the lives of a vital civilization and why D.B.
Steinman rightfully earned the title: “Pontifex
Maximus.” *NOTE: This course satisfies HSW
requirements.
XARC-137
NORMANDIE: Ship of Dreams
Section: W01 (Old Westbury)
Saturday: Sept. 20: 9 a.m. – 6 p.m.
Fee: $235
LUs: 8
It was “The Ship of Dreams”—a floating palace
celebrating Arts Decoratifs (Art Deco) in grand
fashion. She was the first truly modern liner in
appearance, technology, and accommodations. She featured one of the earliest ship-born
radar systems and a gyro-compass kept her
on course automatically. Ultrasound found her
depth while maneuvering in harbor and radio-
telephone allowed her first-class passengers to
communicate directly with both Europe and/or
America from the middle of the Atlantic.
Normandie had one of the most sophisticated fire
detection/suppression systems at sea, but it was
devastated during her conversion to troopship.
Paradoxically, it would be an accidental fire
started by a workman’s torch and the inability to
subdue it quickly that would, in the end, bring the
great ship an ignominious demise. *NOTE: This course satisfies HSW
requirements.
XARC-134
Bridging San Francisco Bay
Section: W01 (Old Westbury)
Saturday: Nov. 15: 9 a.m. – 6 p.m.
Fee: $235
LUs: 8
When most people think of San Francisco, the
first thing that usually comes to mind is the
majestic Golden Gate Bridge. But there’s another
bridge in San Francisco that, in fact, is a con-
temporary of the Golden Gate Bridge (1937)
and from a purely technical point-of-view, is the
greater work: The San Francisco–Oakland Bay
Bridge. Locals refer to it simply as “The Bay
Bridge” and it is the workhorse of the Bay Area,
dwarfing the Golden Gate Bridge in volume
based on the average number of vehicles that
cross it daily. It is San Francisco’s link to the con-
tinent (to the east) and its completion ended San
Francisco’s isolation forever when it opened in
Nov. of 1936. There would be obstacles to over-
come to get it built, both natural and man-made.
Eventually, both would be overcome; the former
by the engineers and the latter by the presidential
election of the Bay Bridge’s main proponent in
Nov. 1928: Herbert Hoover. *NOTE: This course
satisfies HSW requirements.
XARC-133
Spanning the Golden Gate
Section: W01 (Old Westbury)
Saturday: Nov. 22: 9 a.m. – 6 p.m.
Fee: $235
LUs: 8
It was the bridge that couldn’t and shouldn’t be
built. The Golden Gate Strait was too wide and
treacherous, the weather and fog conditions
were abominable and even if you could build
a bridge, the next big earthquake would just
bring it all crashing down. Then there was the
cost, the time and effort it would take to build
and the possibility of wartime sabotage of the
bridge resulting in entrapment of the entire U.S.
Pacific Fleet at their anchorage in San Francisco
Bay. The odds were against it from the start;
but fortune favors the bold so it was that a bold
man with a bold plan to build a bridge from San
Francisco to Marin County that was both cost-
effective and enduring took up the mighty task;
his name was Joseph B. Strauss. The bridge
was the longest suspension bridge in the world
for 27 years and the first to be built under “open
landing (essentially, two-thirds of the earth’s surface
was available for landings and/or take-offs) was
negated by the multitude of airfields constructed
during the war in far-flung and often remote
places. Though the golden age of flying boats
has passed, it is fondly remembered as a shining
moment in aviation history. *NOTE: This course
satisfies HSW requirements.
XARC-139
Mighty Mac: Bridging the Mackinac Straits
Section: W01 (Old Westbury)
Tuesday: Nov. 8: 9 a.m. – 6 p.m.
Fee: $235
LUs: 8
It seems somehow innocuous that a product
as mundane and utilitarian as floor wax would
be the catalyst for one of the greatest buildings
of the 20th century, by one of the greatest
architects of any century: Frank Lloyd Wright,
but that’s exactly what happened. It was the
quintessential Wright building, with the “scoundrel
genus” at his very best—and worst. *NOTE: This course satisfies HSW
requirements.
XARC-135
When Boats Had Wings
Section: W01 (Old Westbury)
Saturday: Nov. 8: 9 a.m. – 6 p.m.
Fee: $235
LUs: 8
Though Lindbergh had flown nonstop across the
Atlantic in a small plane in 1927, it would be the
flying boat that would provide regular, reliable
and safe passenger service a decade later via the
famous Pan American Airways’ “Flying Clippers.”
WWII brought about significant advances in
range, speed and power to land-based planes
and the advantage seaplanes had before the
war (essentially, two-thirds of the earth’s surface
was available for landings and/or take-offs) was
negated by the multitude of airfields constructed
during the war in far-flung and often remote
places. Though the golden age of flying boats
has passed, it is fondly remembered as a shining
moment in aviation history. *NOTE: This course
satisfies HSW requirements.
The decades before and after World War I with Chicago emerging as the capital of the middle-United States, a group of enlightened citizens, politicians, and business leaders knew instinctively that in St. Louis, as goes the riverfront, so goes the city. *NOTE: This course satisfies HSW requirements.

**XARC-138**  
**Mach 1 & Beyond: The Quest for Supersonic Flight**  
**Section: W01 (Old Westbury)**  
Thursday: Sept. 18: 6 – 11 p.m.  
Fee: $165  
LUs: 5

The Panama Canal, no longer would the seasonal floods of the Colorado reek devastation on the lower Colorado basin. Low-cost, clean electricity from the power of moving water was the bonus that not only paid for Hoover Dam, but made the Southwest an economic powerhouse. Hoover Dam truly earned the title: “Conqueror of the Colorado” in every way imaginable. *NOTE: This course satisfies HSW requirements.

**XARC-129**  
**Gateway Arch: Monument to a Dream**  
**Section: W01 (Old Westbury)**  
Saturday: Oct. 6: 9 a.m. – 6 p.m.  
Fee: $235  
LUs: 8

The building was a dichotomy of both success and failure. For the most part, the exterior is superb and true to Utzon’s vision while the interiors don’t quite measure up, and there is a melancholy over the lost opportunity Utzon’s premature departure from the project entailed. However, the building was designed from the outside in with inadequate volume for the complexities of performance halls and their ancillary spaces from the get-go. As a venue for the performing arts, only the Concert (major) Hall receives a somewhat passing grade with just average acoustics. The exile of Opera to the minor hall relegated that category to second-class status. Perhaps that is why a clarion call is now being heard to supplement the SOH complex with a proper Opera Theater in the immediate vicinity. Some want it to be conspicuous while others prefer inconspicuous, like the huge Car Park under the Botanical Gardens. In any event, the very conspicuous Sydney Opera House remains a work of splendid geometry and a gift from Jorn Utzon to the ages. *NOTE: This course satisfies HSW requirements.

**XARC-132**  
**The Panama Canal: A Land Divided, A World United**  
**Section: W01 (Old Westbury)**  
Saturday: Oct. 11: 9 a.m. – 6 p.m.  
Fee: $235  
LUs: 8
War saw a steady improvement in the design and propulsion of aircraft. But propeller driven planes had their limits. Even in “terminal velocity” dive – the closest they ever came to “Mach 1” (the speed of sound), the aerodynamic drag produced was such that if the plane itself didn’t come apart, its speed was still well shy of the “sound barrier.” Rocket engines, aerodynamically efficient fuselage profiles, swept-back wings, sophisticated metallurgy and an understanding of the dynamics of trans/hypersonic flight would ultimately lead to the launch of the first commercial supersonic transport, the Concorde, in 1976. A horrific accident in July 2000 sidelined the Concorde fleet and the decline in air travel in the aftermath of 9/11 would make Concorde economically unviable, but it had made its mark on the world. *NOTE: This course satisfies HSW requirements.

**XARC-126**

**Hindenburg: Last of the Great Airships**

**Section:** W01 (Old Westbury)

**Sunday:** Sept. 28: 9 a.m. – 6 p.m.

**Fee:** $235

**LUs:** 8

They were “the biggest birds that ever flew”—the great dirigible airships of the early 20th century. The greatest of them all would be the 129th “Luftschiff” (Airship) produced by the Zeppelin Company of Friedrichshafen, Germany. LZ (Luftschiff Zeppelin) 129 would be known to the world as “Hindenburg”—named for Paul von Hindenburg, former president of Germany. She was the epitome of the rigid airship builder’s art, bringing luxury, speed and comfort to seventy passengers fortunate enough to be able to afford the transatlantic passage. Indeed, it seemed as though airships had a distinct advantage over airplanes in the long-distance market in the 1920s and ’30s, despite their dismal history. It would all come to an ignominious end one fateful day in early May 1937 on a field in central New Jersey, while the world looked on. *NOTE: This course satisfies HSW requirements.

**XARC-125**

**Rockefeller Center: City Within a City**

**Section:** W01 (Old Westbury)

**Thursday:** Nov. 20: 6 – 11 p.m.

**Fee:** $165

**LUs:** 5

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 Mr. Rockefeller and his family fortune. They may have had a point in 1930, but by 1937 when these words were first sung, Rockefeller Center had proved the skeptics wrong and indeed, the public and corporate America. *NOTE: This course satisfies HSW requirements.

**XARC-150**

**River of Steel: New York’s First Subway**

**Section:** W01 (Old Westbury)

**Sunday:** Dec. 7: 9 a.m. – 6 p.m.

**Fee:** $235

**LUs:** 8

Imagine the letter “Y” with its tail in Brooklyn, the base of the Y representing the main line in Manhattan (Battery to 103rd Street), the left leg of the Y extending to Kingsbridge in the Bronx and the right leg extending to Bronx Park, and you’ll have a pretty good idea of the Interborough Rapid Transit Company’s (IRT) route. It included “cut and cover” tunnels made of steel and/or reinforced concrete, concrete-lined deep tunnels, steel viaducts, and sub-aqueous tunnels. The maze of pipes, conduits, sewers etc., disruption to surface traffic and several deadly accidents aside, the subway—begun in 1900—was completed on schedule (4.5 years later) on Oct. 27, 1904. The subway immediately allowed the city to expand northward and in the ensuing years, hundreds of more miles of track were added to the system. But it all began with the IRT: Interborough Rapid Transit. *NOTE: This course satisfies HSW requirements.
the towers into the earth below. Without a solid founding (via the caissons), all else would fail.

*NOTE: This course satisfies HSW requirements.

XARC-121
UNISPHERE: Miracle in the Meadow
Section: W01 (Old Westbury)
Tuesday: Sept. 30: 6 – 11 p.m.
Fee: $165
LUs: 5
The tradition of erecting a centerpiece for a Universal Exposition (a.k.a. World’s Fair) dates back to 1889. None captured the imagination of the public and spirit of the times as did the Trylon and Perisphere – centerpiece of the 1939/40 New York World’s Fair held in the Flushing Meadow (of Great Gatsby fame). A generation later, a group of New York City businessmen, recalling fond memories of the 1939/40 New York World’s Fair, recruited a much older (and less popular) Robert Moses to create, once again, a New York World’s Fair in 1964—the 25th anniversary of the earlier fair, on the same grounds in Flushing Meadow for their children and grandchildren to enjoy. With the beautiful design of landscape architect Gilmore Clarke and the engineering/construction expertise (and generosity) of the United States Steel Company, Unisphere – centerpiece of the 1964/65 New York World’s Fair, was born and remains as a permanent gift to the ages. *NOTE: This course satisfies HSW requirements.

XARC-118
Sydney Harbor Bridge: The Giant Coat Hanger
Section: W01 (Old Westbury)
Tuesday, Dec. 9: 6 – 11 p.m.
Fee: $165
LUs: 5
The period between the first and second world wars realized some of the greatest bridges ever conceived, but of all the bridges built in this period, perhaps none is as recognizable and so firmly enshrined in national identity as the Sydney Harbor Bridge (in Sydney, New South Wales, Australia) that Sydneysiders affectionately refer to as “The Giant Coat Hanger.” It was a dream that began in the early 19th century and took another century to achieve. The “Father of the Bridge,” Dr. John Jacob Crew (JJC) Bradfield, devoted his career to seeing the bridge built and in so doing transformed his native Sydney into a world-class city. Without the Sydney Harbor Bridge’s rail, tram, footpath, and roadway that would forever connect the distant north and south shores of one of the world’s finest harbors, Sydney would not be the city we know today. *NOTE: This course satisfies HSW requirements.

XARC-151
Mr. Eiffel’s Tower
Section: W01 (Old Westbury)
Thursday, Oct. 23: 6 – 11 p.m.
Fee: $165
LUs: 5
In 1889, France celebrated the 100th anniversary (centenary) of the French Revolution (of 1789). To mark the occasion, the capital city of Paris would host an International Exposition (Exposition Universalle) that would highlight the many achievements of the past 100 years made in French art, culture, architecture and, especially, science and technology. For such a proud event, why not make the centerpiece of the exposition itself a marvel of French know-how by constructing a tower three-hundred meters tall. To find a suitable design, a competition was held, but with the combination of an attractive design for a wrought-iron latticed tower and the fact that France’s Magician du Fer (Magician of Iron), Monsieur Gustav Eiffel, was the applicant, the outcome was never in doubt. The completed tower was a wonder of simplicity, technology and pre-fabricated design. It was not meant to be a permanent fixture in Paris, but with the tower’s usefulness for scientific experimentation, communications and national defense, it became a necessity. At the same time, it became a symbol of Paris and the French nation itself. Perhaps that is its greatest legacy. *NOTE: This course satisfies HSW requirements.

XARC-116
Chrysler Building: Race to the Sky
Section: W01 (Old Westbury)
Thursday, Nov. 13: 6 – 11 p.m.
Fee: $165
LUs: 5
When the closing of the frontier in the late 19th century put an end to the horizontal expansion of America, a new vertical frontier driven by need, technology, ambition, economics, and ego would take its place. In the confines of densely populated cities, the only way to “make the land pay” was to stack floor upon floor and call it a skyscraper. Beyond the utilitarian need to build tall buildings, there was the prestige and promotional value to consider as well. For an industrialist like Walter P. Chrysler, it was only natural to celebrate your success and promote your company’s products with the world’s tallest building, just as Singer and Woolworth had done before. Add to the mix the talents of a progressive architect steeped in the values of the 1925 Paris International Exhibition and the result was an Art Deco masterpiece: The Chrysler Building. *NOTE: This course satisfies HSW requirements.

XARC-115
The Unknown Wright
Section: W01 (Old Westbury)
Thursday: Dec. 11: 6 – 10 p.m.
Fee: $135
LUs: 4
Architect Frank Lloyd Wright’s career spanned two centuries, seven decades, and three distinct periods. In each of these periods, there were well-known projects that defined that era in Wright’s life and work. However, it may be that Wright’s lesser-known works are more definitive of those periods. For example, Wright’s Imperial Hotel in Tokyo was more than the last hurrah of the first phase of his career. Wright had a “magnificent obsession” with Japanese art and culture and he left a legacy of buildings—the only Wright buildings outside the U.S. that Japanese architects would admire, study and imitate. Likewise, one of Wright’s most ambitious but little known projects of his second period was an “academic village”—intended to consist of 20 buildings, for Florida Southern College. A civic center for his hometown of Madison, Wisc., would define the
last period of Wright’s career. There, old ghosts would come back to haunt him. *NOTE: This course satisfies HSW requirements.

XARC-111
Expanded Blueprint Reading
Section: W01 (Old Westbury)
Tuesday: Dec. 2; 9 a.m. – 5 p.m.
Fee: $205
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. *NOTE: This course satisfies HSW requirements.

XARC-107
Frank Lloyd Wright: America’s Architect
Section: W01 (Old Westbury)
Thursday: Dec. 4; 6 – 10 p.m.
Fee: $135
LUs: 4
Spanning seven decades, his career had three distinct periods. Elements of his “Prairie School” of architecture—his first period was exemplified in the private homes he built in the American Midwest, emphasizing the horizontal, would be adopted by the modernist architects of the 20th century. Counted out by the 1920s as a has-been: “the greatest architect of the 19th century”, according to a young Philip Johnson, two of his, and the world’s, greatest buildings: Fallingwater (a private house in the Pennsylvania woods) and the Johnson Wax Building (a corporate headquarters in Racine, Wisc.) would define the second period of his life: the comeback. The post-WWII era, Wright’s most prolific, would see his Taliesin Fellowship carry on his legacy and, after years of delays, the realization of the Guggenheim Museum in New York City, though he would not live to see it completed.

XARC-109
I Have Seen the Future: The New York World’s Fair of 1939/40
Section: W01 (Old Westbury)
Thursday: Oct. 30; 6 – 10 p.m.
Fee: $135
LUs: 4
The year was 1939, America was at peace and coming out of the great depression and at Flushing Meadow—a former ash-dump—in Queens, New York City was hosting the World’s Fair. The fair would be remembered by those in attendance as one of the most significant events in their lives. Where else could you see the future: The World of Tomorrow, in life-like scale at General Motor’s Futurama and appliances for the modern woman on display at the Westinghouse Exhibit. By the second year of the fair, 1940, world events were catching up with the fair and the festive spirit of 1939 was waning. New Yorkers past and present still hold a special place in their collective memory for a fair that showed us a future that promised to be better, even if only in our imaginations.

XARC-152
Empire State Building: Monarch of the Sky
Section: W01 (Old Westbury)
Sunday: Oct. 26; 9 a.m. – 6 p.m.
Fee: $235
LUs: 8
The “Twin Towers” were often referred to as “the first buildings of the 21st century.” Prefabrication of major components, slurry walls to create “The Bathtub” (the unique foundation of the World Trade Center whose massive excavation “spoil” provided the landfill used to create Battery Park City and would also keep the Hudson River out), the first use of “Kangaroo Cranes”—Australian tower cranes with 50 tons of lifting capacity and the first application of a gypsum-drywall shaft wall system to enclose the elevator shafts all served to make the WTC the standard-setter for the way high rise buildings would be designed and built thereafter. Offering 50% more rentable space than a conventional skyscraper using steel “cage” design, the unique structural system of the Twin Towers made use of the exterior wall for structural support freeing the interior spaces of support columns. Sadly, this innovative structural system would play a key role in the collapse of the towers on Sept. 11, 2001. *NOTE: This course satisfies HSW requirements.

XARC-154
Town and Country: A Garden City for America
Section: W01 (Old Westbury)
Sunday: Nov. 16; 9 a.m. – 6 p.m.
Fee: $235
LUs: 8
The Sage Foundation sponsored the development of America’s first true Garden City: Forest Hills Gardens, “in the suburban district of New York” (Queens, NYC. At FHG, a confluence of the Progressive, City Beautiful and Arts & Crafts movements all combined to make it one of the era’s most important suburban developments. In the wake of FHG very few Garden Cities were built in America, what went wrong? What were the causes of both the successes and failures at FHG? Now a new movement, New Urbanism is reviving this old idea—some say for the better, others say for the worse.
XARC-101
Solar PV and Thermal Essentials
Section: M01 (Manhattan)
Tuesday & Thursday: Oct. 7 & 8; 6:30 – 9:30 p.m.
Fee: $175
LUs: 13
Learn the essential elements of solar photovoltaic and thermal system design and integration in this detailed, six-hour seminar. Solar PV topics include both grid-tied and off-grid systems; safety, site assessment and site restraints; user demand; sizing and designing a system; codes; BIPV (Building Integrated PV); and installation, inspection, commissioning, and maintaining and troubleshooting a system. Also covered is overall system costs; NYSERDA, City, State and Federal incentives and tax credits; net metering; all system components including thin-film and crystalline panels, inverters, wiring, connections, mounting options, battery backup and chargers, and both local and internet data collection devices and monitoring systems. Solar thermal topics covered 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, and the single and double-pump drainback system; and a drain-down, open loop active system will be analyzed and reviewed. *NOTE: This course satisfies HSW requirements.

XARC-058
Insulation in Sustainable Design
Section: W01 (Old Westbury)
Tuesday: Sept. 30; 6:30 – 8:30 p.m.
Fee: $65
LUs: 4
This course involves how to evaluate and select insulation products based upon design considerations and characteristics such as environmental impact, health and safety, thermal, acoustical and fire characteristics, and sustainability. A review of the major insulations types and many misconceptions about insulation will also be discussed. *NOTE: This course satisfies HSW requirements.

XARC-050
Blueprint Reading
Section W01 (Old Westbury)
Tuesday, Nov. 18; 6 – 9 p.m.
Section: M01 (Manhattan)
Tuesday, Dec. 9; 6 – 9 p.m.
Fee: $135
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. NOTE: This course satisfies HSW requirements.

XARC-045
Corporate Security: Where Do We Go Now
Section W01 (Old Westbury)
Tuesday, Nov. 25; 6:30 – 8:30 p.m.
Fee: $85
LUs: 1
A frank discussion on the role of security in corporate America: Where do you start to develop a security plan, the conflict between security and building codes, the architect’s role in security technology, advances in security hardware, emergency planning and business resumption considerations, the role of senior management in security planning, and physical hardening strategies will be investigated. *NOTE: This course satisfies HSW requirements.

XARC-038
Assessing Client Satisfaction
Section: W01 (Old Westbury)
Tuesday, Nov. 25; 6:30 – 8:30 p.m.
Fee: $65
LUs: 2
This course helps architects assess their firm’s performance, including how clients view a firm and its staff. The focus is on how to find out a clients’ approval rating. Topics include: Should you conduct a client satisfaction survey? What information do you want to find out from the survey? What are clients really saying? What should you be prepared to do with that information? What signals are your staff sending clients and what do those signals say to clients? *NOTE: This course is registered and approved by the AIA for professional continuing education credit, not approved for license renewal by the New York state licensing board for non-HSW credit.

XARC-027
Healthy Buildings
Section: W01 (Old Westbury)
Tuesday, Nov. 11; 5:30 – 9:30 p.m.
Section: M01 (Manhattan)
Tuesday, Sept. 23; 5:30 – 9:30 p.m.
Fee: $135
LUs: 4
Indoor air quality is a topic of increasing concern to environmental health professionals, homeowners and commercial building tenants. Accordingly, you must be able offer your clients solutions for minimizing the hazards of contaminated building air. This course provides you with the background information you need to understand the principles of good indoor air quality. Recognize the types of contaminants that affect indoor air in the building environment and learn how to design the appropriate mitigation and control methods. *Note: This course satisfies HSW requirements.

XARC-028
Universal Design: Accessible and Usable Buildings
Section: W01 (Old Westbury)
Saturday, Dec. 6; 9:30 a.m. – 1:30 p.m.
Fee: $135
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. *NOTE: This course satisfies HSW requirements.

XARC-035
Computer Room Design and Redundancy Design
Section: W01 (Old Westbury)
Tuesday: Sept. 16; 5:30 – 9:30 p.m.
Section: M01 (Manhattan)
Tuesday: Nov. 4; 5:30 – 9:30 p.m.
Fee: $135
LUs: 4
This is a class for architects and design professionals to help them understand some of today's issues facing designers of computer facilities. Topics include types of facilities, power systems, ceiling height considerations, floor loading, HVAC, fire protection, redundancy needs, and more. *NOTE: This course satisfies HSW requirements.

ARCHITECTURE

ARCHITECTURE REVIEW EXAM PREPARATION

For course information, please see page 20.

XCAD-034
Revit MEP Fundamentals
Section: W01 (Old Westbury)
Wednesdays: Oct. 1, 8, 15, 22, 29, Nov. 5, 12, 19, Dec. 3, 10; 6 – 9 p.m.
Fee: $625
To take full advantage of Building Information Modeling (BIM), the Autodesk Revit MEP Fundamentals course has been designed to teach the concepts and principals of creating 3-D parametric models of MEP systems from engineering design through to construction documentation. This hands-on course is intended to introduce students to the software’s interface and the basic HVAC, electrical, and piping/plumbing components that make the Autodesk Revit MEP software a powerful and flexible engineering modeling tool. The objective is to familiarize students with the tools necessary to create and document a complete parametric model. The examples and practices used are designed to take the student 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. Coordination is accomplished by monitoring of the architectural model to detect changes to the design and interference detection to assure that clashes between elements are picked up during the design phase rather than during construction.

For additional Revit 2014 courses, see page 2.

XCAD-030
Revit Architecture 2014: Migrating to Revit Architecture
Section: W01 (Old Westbury)

CAREER DEVELOPMENT

(XNEW!) XCPS-034
Career and Self-Assessment
Section W01 (Old Westbury)
Thursday: Sept. 18; 6 – 9 p.m.
Fee: $75
Identify your ideal job and work environment, assess your skills, Identify: skills you have acquired throughout your career, skills that are relevant to your target industry(ies) and target
job(s), transferable skills (those you possess that can help you transition to a different industry or a different job, create WAR stories – Work related Problem/Project, Action taken, Results achieved (accomplishment statements).

(NEW!) XCRS-035
Planning and Research
Section W01 (Old Westbury)
Thursday: Oct. 2; 6 – 9 p.m.
Fee: $75
Develop a job search plan and strategy, set goals, milestones, metrics for success, identify sources of information for your job search, determine target industries, companies and jobs, applying for jobs – pros/cons of using recruiters, job boards, company websites, etc.

(NEW!) XCRS-036
Resumes and Letters
Section W01 (Old Westbury)
Thursday: Oct. 9; 6 – 9 p.m.
Fee: $75
Included will be: resume styles (which best suits your search); crafting your resume; information to include/exclude; length; sections; format; general guidelines; getting it to the right person; job search letters – cover letter; marketing; follow-up.

(NEW!) XCRS-037
Marketing Yourself and Networking
Section W01 (Old Westbury)
Thursday: Oct. 16; 6 – 9 p.m.
Fee: $75
Marketing tools and techniques, self-introduction (elevator speech), networking: value and importance, how and where to network, group networking exercise.

(NEW!) XCRS-038
Interviewing
Section W01 (Old Westbury)
Thursday: Oct. 23; 6 – 9 p.m.
Fee: $75
Review the process – what you need to do before, during and after the interview, types of interviews (e.g., informational, screening, selection), and the purpose of each, interview styles (traditional, behavioral, panel, etc.), handling challenging questions, questions you need to ask.

(NEW!) XCRS-039
Final Review
Section W01 (Old Westbury)
Thursday: Oct. 30; 6 – 9 p.m.
Fee: $75
Resume critique. Live interviews

COMPUTERS AND THE INTERNET

XMST-001
Introduction to Microsoft Word
Section W01 (Old Westbury)
Thursdays: Oct. 2, 9, 16, 23; 6 – 8:30 p.m.
Section M01 (Manhattan)
Tuesdays: Sept. 15, 22, 29, Oct. 6; 6 – 8:30 p.m.
Fee: $165
Students learn how to systematically perform the steps necessary to create Excel spreadsheet workbooks. Topics include organization of data, graphing data, and development of reports. Sorting and searching for specific data and conversion of data into an Access database will also be discussed. This course consists of hands-on projects and lectures.

XMST-003
Microsoft Access
Section W01 (Old Westbury)
Mondays: Sept. 15, 22, 29, Oct. 6; 6 – 8:30 p.m.
Section M01 (Manhattan)
Tuesdays: Oct. 14, 21, 28, Nov. 11; 6 – 8:30 p.m.
Fee: $165
This hands-on course is for users who are new to Microsoft Access or have intermediate skills they wish to polish. This database management system is Windows-based, and therefore easy to use. The class includes basic database concepts, and students perform exercises in designing, creating, and editing a data base. Students will learn how to perform queries, selectively retrieve information, and prepare reports.

XMST-002
Microsoft Excel
Section W01 (Old Westbury)
Wednesdays: Oct. 1, 8, 15, 22; 6 – 8:30 p.m.
Section M01 (Manhattan)
Mondays: Sept. 15, 22, 29, Oct. 6; 6 – 8:30 p.m.
Fee: $165
Microsoft Excel is a powerful tool you can use to create and format spreadsheets, and analyze and share information to make more informed decisions. With the Microsoft Office Fluent user interface, rich data visualization, and PivotTable views, professional-looking charts are easier to create and use. This class will enable the students to systematically perform the steps necessary to create more advanced Excel spreadsheet workbooks. Topics include organization of data, graphing data, and development of reports. Sorting and searching for specific data and conversion of data into an Access database will also be discussed. This course consists of hands-on projects and lectures. Expanding your Knowledge: Advanced Theory, Linking, Charts, Database, Filter, Header, Footer, etc.
NON-CREDIT COURSES

XMST-004
Microsoft PowerPoint
Section W01 (Old Westbury)
Mondays: Oct. 20, 27, Nov. 3, 10; 6 – 8:30 p.m.
Section M01 (Manhattan)
Wednesdays: Nov. 12, 19, Dec. 3, 10; 6 – 8:30 p.m.
Fee: $165
Students learn the fundamentals of using Microsoft PowerPoint for presentations. The course introduces students to creating slides, production of professional handouts, importing graphics, and adding animation using audio and video techniques. Students create presentations from scratch. A basic knowledge of computers is recommended.

NYIT DANCE

XATV-044
Rhythm Dancing for Social Occasions
Section W01 (Old Westbury)
Thursdays: Oct. 2, 9, 16, 23, 30, Nov. 6, 13, 20; 7 – 8:45 p.m.
Fee: $65 per person
Enjoy an evening of fun while learning the basics and beyond in popular rhythm dances. Take pleasure in dancing in style and being noticed at special social occasions. This class will focus on dances that can be enjoyed with a wide variety of contemporary music and time-honored classics. It will cover Rumba, Meringue, Swing and Bolero. The instructor will break down and demonstrate all dance figures and combine them to form amalgamated routines. Techniques in footwork, timing and lead and follow will be demonstrated. This class is suitable for first time dancers as well as those with previous experience. It is designed to build confidence and enhance social enjoyment. Dancing gives you a more positive outlook on life. Enrollment with a partner is recommended; however singles are welcome. Participants should wear comfortable clothes and leather bottom shoes. Sneakers or rubber bottom shoes are not recommended. Instructor: Richard Fiore, Licentiate, U.S. Imperial Society of Teachers of Dancing

DRIVER EDUCATION

For course information, please see page 20.

ENGINEERING

Professional Development for Engineers
NYIT’s extended education program offers the courses that will 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:

XARC-155
Mr. Holland’s Tunnel
Section: W01 (Old Westbury)
Thursday: Oct. 16: 6 – 11 p.m.
Fee: $165
For course description, please see page 6.

XARC-147
Five-By-Five: The Making of the Pentagon
Section: W01 (Old Westbury)
Tuesday: Nov. 21: 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 6.

XARC-156
Mr. Holland’s Tunnel
Section: W01 (Old Westbury)
Thursday: Oct. 16: 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 6.

XARC-146
Road of Tomorrow: The Pennsylvania Turnpike
Section: W01 (Old Westbury)
Saturday: Oct. 25: 9 a.m. – 3 p.m.
Fee: $175
PDH: 6
For course description, please see page 6.

XARC-145
Distinctly Different or Dysfunctional? The San Francisco Federal Building
Section: W01 (Old Westbury)
Tuesday, Sept. 23: 6 – 9 p.m.
Fee: $135
PDH: 3
For course description, please see page 7.

XARC-144
Touching the Earth Lightly: The U.S. 20 Iowa River Bridge
Section: W01 (Old Westbury)
Thursday: Nov. 6: 6 – 9 p.m.
Fee: $135
PDH: 3
For course description, please see page 7.

XARC-143
Solar Hemicycle: Frank Lloyd Wright’s Jacobs II Passive Solar House
Section: W01 (Old Westbury)
Tuesday, Oct. 28: 6 – 9 p.m.
Fee: $135
PDH: 3
For course description, please see page 7.

XARC-142
Flying Windmill: The Gyroplane Story
Section: W01 (Old Westbury)
Saturday: Sept. 27: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 7.
XARC-141
Othmar Ammann and the Great Gray Bridge
Section: W01 (Old Westbury)
Tuesday: Nov. 18: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 7.

XARC-140
Frank Lloyd Wright’s House of Wax
Section: W01 (Old Westbury)
Saturday: Oct. 18: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 8.

XARC-139
Mighty Mac: Bridging the Mackinac Straits
Section: W01 (Old Westbury)
Tuesday: Oct. 7: 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 8.

XARC-137
NORMANDIE: Ship of Dreams
Section: W01 (Old Westbury)
Saturday: Sept. 20: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 8.

XARC-135
When Boats Had Wings
Section: W01 (Old Westbury)
Saturday: Nov. 8: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 8.

XARC-134
Bridging San Francisco Bay
Section: W01 (Old Westbury)
Saturday: Nov. 15: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 8.

XARC-133
Spanning the Golden Gate
Section: W01 (Old Westbury)
Saturday: Nov. 22: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 8.

XARC-128
Hoover Dam: Conqueror of the Colorado
Section: W01 (Old Westbury)
Saturday: Dec. 6: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 9.

XARC-129
Sydney Opera House: Splendid Geometry
Section: W01 (Old Westbury)
Saturday: Dec. 13: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 9.

XARC-130
Gateway Arch: Monument to a Dream
Section: W01 (Old Westbury)
Saturday: Oct. 4: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 9.

XARC-131
Grand Central: Grand by Design
Section: W01 (Old Westbury)
Saturday: Sept. 13: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 9.

XARC-132
The Panama Canal: A Land Divided, A World United
Section: W01 (Old Westbury)
Saturday: Oct. 11: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 9.

XARC-138
Mach 1 & Beyond: The Quest for Supersonic Flight
Section: W01 (Old Westbury)
Thursday: Sept. 18: 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 9.

XARC-126
Hindenburg: Last of the Great Airships
Section: W01 (Old Westbury)
Sunday: Sept. 28: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 10.

XARC-125
Rockefeller Center: City Within A City
Section: W01 (Old Westbury)
Thursday: Nov. 20: 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 10.

XARC-150
River of Steel: New York’s First Subway
Section: W01 (Old Westbury)
Sunday: Dec. 7: 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 10.
XARC-123
UNDERGROUND: How The TUBE Shaped London
Section: W01 (Old Westbury)
Tuesday: Dec. 2; 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 10.

XARC-122
Building the Brooklyn Bridge: An Epic for the Age
Section: W01 (Old Westbury)
Sunday: Nov. 9; 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 10.

XARC-121
UNISPHERE: Miracle in the Meadow
Section: W01 (Old Westbury)
Tuesday: Sept. 30; 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 11.

XARC-118
Sydney Harbor Bridge: The Giant Coat Hanger
Section: W01 (Old Westbury)
Tuesday, Dec. 9; 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 11.

XARC-151
Mr. Eiffel’s Tower
Section: W01 (Old Westbury)
Thursday, Oct. 23; 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 11.

XARC-116
Chrysler Building: Race to the Sky
Section: W01 (Old Westbury)
Tuesday, Nov. 13; 6 – 11 p.m.
Fee: $165
PDH: 5
For course description, please see page 11.

XARC-115
The Unknown Wright
Section: W01 (Old Westbury)
Thursday: Dec. 11; 6 – 10 p.m.
Fee: $135
PDH: 4
For course description, please see page 11.

XARC-111
Expanded Blueprint Reading
Section: W01 (Old Westbury)
Tuesday, Dec. 2; 9 a.m. – 5 p.m.
Fee: $205
PDH: 7
For course description, please see page 12.

XARC-107
Frank Lloyd Wright: America’s Architect
Section: W01 (Old Westbury)
Thursday: Dec. 4; 6 – 10 p.m.
Fee: $135
PDH: 4
For course description, please see page 12.

XARC-109
I Have Seen the Future: The New York World’s Fair of 1939/40
Section: W01 (Old Westbury)
Thursday: Oct. 30; 6 – 10 p.m.
Fee: $135
PDH: 4
For course description, please see page 12.

XARC-152
Empire State Building: Monarch of the Sky
Section: W01 (Old Westbury)
Sunday: Oct. 26; 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 12.

XARC-153
Magnificent Ambition: World Trade Center
Section: W01 (Old Westbury)
Sunday: Nov. 23; 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 12.

XARC-154
Town and Country: A Garden City for America
Section: W01 (Old Westbury)
Sunday: Nov. 16; 9 a.m. – 6 p.m.
Fee: $235
PDH: 8
For course description, please see page 12.

XARC-101
Solar PV and Thermal Essentials
Section: M01 (Manhattan)
Tuesday & Thursday: Oct. 7 & 9; 6:30 – 9:30 p.m.
Fee: $175
LUs: 6
For course description, please see page 13.

XARC-058
Insulation in Sustainable Design
Section: W01 (Old Westbury)
Tuesday: Sept. 30; 6:30 – 8:30 p.m.
Fee: $65
PDH: 2
For course description, please see page 13.

XARC-050
Blueprint Reading
Section W01 (Old Westbury)
Tuesday: Nov. 18; 6 – 9 p.m.
Section: M01 (Manhattan)
Tuesday: Dec. 9; 6 – 9 p.m.
Fee: $125
PDH: 3
For course description, please see page 13.
NON-CREDIT COURSES

XARC-027
Healthy Buildings
Section: W01 (Old Westbury)
Tuesday: Nov. 11; 5:30 – 9:30 p.m.
Section: M01 (Manhattan)
Tuesday: Sept. 23; 5:30 – 9:30 p.m.
Fee: $135
PDH: 4
For course description, please see page 13.

XARC-028
Universal Design: Accessible and Usable Buildings
Section: W01 (Old Westbury)
Saturday: Dec. 6; 9:30 a.m. – 1:30 p.m.
Fee: $135
PDH: 4
For course description, please see page 13.

XARC-035
Computer Room Design and Redundancy Design
Section: W01 (Old Westbury)
Tuesday: Sept. 16; 5:30 – 9:30 p.m.
Section: M01 (Manhattan)
Tuesday: Nov. 4; 5:30 – 9:30 p.m.
Fee: $135
PDH: 4
For course description, please see page 14.

NEW YORK CITY DEPARTMENT OF BUILDINGS COURSES

XCST-039
40-Hour NYC Site Safety Manager Course
Section: W01 (Old Westbury)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Section: M01 (Manhattan)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Fee: $795

New York City’s Mayor Bloomberg signed Local Law 33 on July 3, 2007, addressing the safety of the public and property during construction and demolition operations. The law was mandated for use by July 1, 2008. Chapter 33 of the NYC Building Code “Safeguards During Construction and Demolition” requires that a licensed site safety manager be present during construction, demolition, or major façade alteration of major buildings. This course is required for anyone wishing to take the Site Safety Manager Exam.

XCST-040
Site Safety Manager Refresher/ Awareness Course
Section: W01 (Old Westbury)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Section: M01 (Manhattan)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Fee: $250

The New York City Department of Buildings requires individuals who have a Site Safety Manager’s license to complete a seven-hour refresher course on construction site safety every three years. This course presents an overview of NYC Building Code regulations for new building construction; reviews the responsibilities of the site safety manager; and discusses the effective implementation of a site safety program, as well as review Chapter 33. This course also serves as an excellent awareness course for all individuals working on construction or demolition projects in NYC.

OSHA CONSTRUCTION INDUSTRY COURSES

XCST-032
OSHA 10 – Construction Industry
Section: W01 (Old Westbury)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Section: M01 (Manhattan)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Fee: $195

This 10-hour construction safety course was developed by the U.S. Department of Labor to provide construction workers, supervisors, and other personnel responsible for construction activities with an awareness of construction health and safety concerns in the construction industry. All attendees will become familiar with reading and using the OSHA 29CFR 1926 Construction Standards. Other OSHA-related regulations will also be discussed. Students will receive an update and review of standard construction safety and health principles, and information that will prepare them to recognize and control a variety of hazardous conditions.

XCST-038
OSHA 30 – Construction Industry
Section: W01 (Old Westbury)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Section: M01 (Manhattan)
For schedule, please call Extended Education at 516.686.7490 or email exted@nyit.edu.
Fee: $495

Developed by the U.S. Department of Labor to provide construction workers, supervisors, and other personnel responsible for construction activities with an awareness of construction health and safety concerns in the construction industry. All attendees will become familiar with reading and using the OSHA 29CFR 1926 Construction Standards. Other OSHA related regulations will also be discussed. Students will be presented with more safety related information and OSHA Standards as compared to the 10-hour OSHA Construction course. The course will cover all the subparts of the Construction Standard.
**NON-CREDIT COURSES**

**TEST PREPARATION**

**ARCHITECTURE REVIEW EXAM PREPARATION**

**XARC-088**

**ARE Construction Documents**

Section: M01 (Manhattan)

Wednesdays: Oct. 15, 22, 28, Nov. 5, 12, 19; 6:30 – 9 p.m.

Fee: $395

This course reviews architecture construction documents (CDs) and implementing them during construction services, also known as construction contract administration (CA). The class focuses on assisting you understand what CDs are as intellectual and physical artifacts, an architect’s contractual obligation regarding making them, and their use during construction. Producing CDs and their execution during CA have legal/contractual implications for the architect, the owner and the constructor—you will need to understand and know what the implications are when you are a licensed, practicing architect.

**XARC-148**

**ARE Building Systems Review**

Section: W01 (Old Westbury)

Tuesdays: Oct. 7, 14, 21, 28; 6 – 9 p.m.

Fee: $345

As a review for the ARE 4.0 section, this course covers key words and basic system design. Topics include mechanical, electrical, plumbing, and fire protection systems as well as HVAC, environmental issues, acoustics, building codes and other regulatory requirements in the design of mechanical, electrical and specialty systems.

**XARC-123**

**ARE Structural Systems Review**

Section: W01 (Old Westbury)

Saturdays: Oct. 18, 25, Nov. 1, 8, 15; 9 a.m. – noon

Fee: $495

This course will cover the structural systems of building components such as beams, girders, columns and footings. In addition, we will address wind and seismic framing and connections.

**XARC-087**

**LEED Green Associate/BD & C Review Course**

Section: W01 (Old Westbury)

Monday: Oct. 20; 9:30 a.m. – 5:30 p.m.

Fee: $395

During this one day class you will get an overview of LEED and the test for Green Associate and LEED Building Design and Construction (BD&C) Accreditation. The information given will go over aspects of the reference guide and other relevant information that will be on the test and the last section will be about the test and how to register, how long it will be, etc. *NYIT will provide course participants with a letter stating that they completed an education program that addresses green building principles to take the Green Associate exam.

**DRIVER EDUCATION**

**XEDU-002**

**Driver Education**

Section: W01 (Old Westbury)

(For gall 2014 dates and times, please call 800.886.NYIT)

Fee: $625

The acquisition of safe driving skills and defensive driving awareness for private and parochial students who wish to earn the MV 285 "Blue Card," which gives eligibility for a 10 to 15 percent discount on insurance premiums with most companies. This course qualifies those who successfully complete the course to apply for a senior driver’s license at age 17.
REGISTRATION

HOW TO REGISTER FOR FALL 2014 COURSES
Fill out your form (at the back of this book) early to ensure desired class registration. Form should reach us five days prior to the first class.

BY FAX:
516.686.1144 and 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/Gerry House, room 104
P.O. Box 8000
Old Westbury, NY 11568-8000

IN PERSON:
OLD WESTBURY: Harry Schure Hall (Student Solutions Center)
Monday, Wednesday, Thursday and Friday, 9 a.m. - 5 p.m.; Tuesday, 9 a.m. – 7 p.m.
MANHATTAN: New Technology Building, 16 W. 61st St. (Student Solutions Center)
Monday - Friday, 9 a.m. - 5 p.m.

ONLINE:
To register online with credit card information, go to nyit.edu/exted.

CONFIRMATION OF REGISTRATION
After you register, you will receive a confirmation in the mail with all the necessary information you will need, including time, place, room assignment, and any special instructions.

For more information, please call us at 800.886.NYIT or e-mail us at exted@nyit.edu.
REGISTRATION FORM

NYIT FALL 2014 – EXTENDED EDUCATION

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

Name _______________________________________________________________________

Address ___________________________________________________________________

City __________________________________________ State ___________ ZIP____________

Phone: Day ( ___ ) ___________________________ Evening ( ___ ) ____________________

Social Security Number _______________________ E-mail ___________________________

Have you previously attended NYIT?  □ YES  □ NO

If yes, when? ____________________________________________

Occupation ___________________________ Company Name _________________________

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TOTAL ______

□ 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: ____________ Card Security Code (CSC) __________________

Authorized Signature: ______________________________________________________

DISCOUNTS: There is a 5 percent discount for senior citizens and NYIT alumni.

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 non-credit course on or after the first scheduled day of class. Withdrawal must be in writing. Telephone cancellations cannot be honored.

COLLECTION POLICY:

I understand that by authorizing a registration, and or dropping or withdrawing from the courses that I have registered for during this semester, I agree to be charged in accordance with the published schedule of charges set forth in the college catalog with respect to payment of tuition, fees, refunds, the dropping and adding courses and the withdrawal policy procedures that are also available online at www.nyit.edu. I agree to be bound by this registration form and abide by the rules and regulations published in the current catalog. I agree to pay my debt to NYIT for any amounts due for tuition and fees and other charges. In the event that all charges are not paid when due, I agree to pay NYIT all of the costs associated with the collection of my delinquent account, which includes the payment to NYIT of the principal sums due, plus all costs, which may also include, but are not limited to collection agency fees constituting 33% of the principal balance due if NYIT engages a collection agency to secure payment, or legal fees constituting 50% of the principal balance due, if NYIT engages legal counsel to secure payment, plus any and all interest on the outstanding balance at the maximum legal rate allowed by law, and any and all other costs that will be associated with the collection of the delinquent amounts. All collection matters shall be governed by New York law; the courts of New York shall have exclusive jurisdiction in these matters.

Student Signature: ________________________________________ Date: __________________
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