Welcome to Pratt’s School of Continuing and Professional Studies (SCPS), which serves the lifelong learning needs of nontraditional students through high-quality programs and courses in art, design, architecture, and management, for educational advancement, career change, and enrichment. At Pratt SCPS you will see and learn to explore tools necessary to stay ahead in today’s competitive workplace. Through our rich programs and course offerings, you will expand and sharpen your skill set, as well as advance in your professional goals.

Here are some of the new courses highlighted this fall:

**Graphic Design**
- 3 Typography II
- 4 Environmental Graphics: Wayfinding Workshop or, You Can Get There from Here

**Mixed Media**
- 4 Compose Yourself
- 4 DeComposition Journal
- 4 Mixed-Media Collage
- 5 Mixed-Media Printmaking
- 6 Roll With It
- 6 Sticks and Stones
- 6 Tapestry I: Tapestry Weaving Using Household Objects
- 6 Tapestry Weaving II
- 6 What a Relief

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- 7 Chinese Art
- 7 Contemporary Chinese Art

**Autodesk Revit®**
- 9 Autodesk® Revit® 2016 for Interior Designers: Level I
- 9 Autodesk® Revit® 2016 for Interior Designers: Level II

**Jewelry**
- 9 Sculpture for Jewelry and Costume

**Career Development**
- 11 Licensing Essentials for Artists and Designers
- 11 Digital Design Portfolio

**Geographic Information Systems (GIS) and Design**
- 24 Mapping Climate Change, Natural Disasters, and Environmental Data
- 25 Advanced GIS

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- 27 Darkroom: Black and White Photography

**Fashion New Media**
- 29 FNM: Brand and Digital Strategy

**AIA Professional Development**
- 43 Achieving Sustainable Mobility
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**SCPS Online NEW**
- 20 Photoshop Survival Guide for Image Making

**Events This Fall**

**Fall Info Session**
Pratt Manhattan, Wednesday September 9, 6–8 PM

**Preview Saturday**
Pratt Manhattan, September 12, 10 AM–1 PM, $55 lunch included; please check our website for preview classes to be offered.

These workshops will give you a preview of our faculty and curriculum. Experience a sample class to help you choose a full length course and try a subject that interests you.

Students who register and complete a workshop class are eligible for a 20% discount on a 30-hour course in fall 2015 or spring 2016 semesters.

**Perfumery Workshop**
December 10, 2015. Please check our website for details!

**Pratt Preview**
- 63 Shorter workshop courses for aspiring high school students

**Integrative Mind and Body Program**
- 10 Yoga Retreat in the Berkshires
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July
27 Open Registration for Fall Begins

August
24 Fall Continuing Ed Classes Begin

September
7 Labor Day
   All Institute, School Closed
14–15 Rosh Hashanah
   SCPS Classes Held or Rescheduled at the Discretion of the Instructor
22–23 Yom Kippur
   SCPS Classes Held or Rescheduled at the Discretion of the Instructor

October
12 Columbus Day
   All Institute, Classes Meet

November
25 Pre-Thanksgiving
   Continuing Ed Only, No Classes
26–29 Thanksgiving
   All Institute, School Closed

December
24–31 Winter Vacation
   All Institute, School Closed

January
1 New Year’s Day
   All Institute, School Closed
18 Martin Luther King Jr. Day
   All Institute, School Closed

Contact

Telephone
855.551.7727 (Manhattan)
718.636.3453 (Brooklyn)

Fax
212.367.2489 (Manhattan)
718.399.4410 (Brooklyn)

Website and Online Registration
pratt.edu/prostudies

Email
prostudy@pratt.edu

Weather Emergency Line
Visit our website at www.pratt.edu or call 718.636.3700.

Information

Corporate Training
Pratt Manhattan offers corporate discount packages for on-site computer training and for training at our facility. For more information on these packages, contact Maira Seara at 212.647.7223 or email mseara@pratt.edu.

Course Advisement and Registration
Contact Perry Han to learn more about Pratt SCPS courses in professional development and certificate programs. For an appointment, please call 855.551.7727 or email prostudy@pratt.edu. Ask about discounts and internship information.

Registration Deadlines
Registration deadlines for all courses are one week prior to course start dates, unless otherwise noted. Exceptions are made based on space availability. We recommend that you register early.

Campus Locations
Classes are available in Manhattan and Brooklyn. Pratt Institute’s Manhattan campus is located in Chelsea at 144 West 14th Street between Sixth and Seventh avenues. Pratt’s Brooklyn campus is located on a beautifully landscaped, 25-acre campus in Brooklyn at 200 Willoughby Avenue.

Gallery
Visit our art gallery in the 2nd floor lobby to view the work of SCPS students and faculty.

Weather Information
Pratt Institute’s Weather Emergency Line can be reached by dialing 718.636.3700. Callers will get information on any weather-related closings at either the Manhattan or Brooklyn campuses. Visit our website at www.pratt.edu.

SCPS Leadership

Dean
Maira Rey Seara

Director, Marketing
Karen D’Angelo

Acting Chair of Programs
Cheryl Stockton

Director, Operations
Cristobal Stewart
Courses

GRAPHIC DESIGN

Typography I
Explore the expressive qualities of typography through all the basic principles of this powerful design language. Working with color and image, type “talks.” Learn computer and hands-on methods for effective design, plus familiarity with the best work in the field. Real-life assignments will be given, with primary focus on the design and presentation of logotypes, book jackets, and editorial layout. We will cover historical type families, and variables for choosing the right typeface for a particular project. Also, custom tailoring of the letter forms. Some hand sketching will be applied to the brainstorming of ideas, before working on the computer. Prerequisites: Knowledge of Adobe Illustrator and InDesign. Lab fee: $25
TU, 6:05–8:05 PM; 15 SESSIONS AUG 25–DEC 1
ANTHONY BLOCH
PMGD 466 3.0 C.E.U.’S $855

Typography II  NEW
Move beyond the basics to the dynamic use of this powerful design language. The first half of the semester will involve an in-depth study of the letter form—its anatomy and historical evolution, through presentations, drawing and custom design exercises, using both analog and digital methods, culminating in each student producing his/her own custom type style and using it on a self-promotion piece. In the second half, we will apply our custom typography to enhance innovative design concepts for two out of four options in CD packaging, poster design, advertisement, and magazine layout. Prerequisites: Typography I or equivalent, Adobe Illustrator and InDesign. Computer facilities fee: $25
TU 8:10–10:10 PM; 15 SESSIONS AUG 25–DEC 1
ANTHONY BLOCH
PMGD 473 3.0 C.E.U.’S $855

Introduction to Graphic Design
Study the foundation of graphic design as a communication tool and learn the importance of graphic design as an informative and promotional presence in commerce and society. What is the designer’s role as a communicator and innovator of design? Develop the creative, technical, and business skills needed to reach a specific target audience. Learn the steps to create a project from concept through execution. Improve the visual quality of the final artwork through the use of high-resolution imagery and dynamic composition. Create a magazine layout, logo design for product or service, brochure and poster design, unique folds, die-cuts, and paper engineering. Adobe Creative Suite: InDesign, Photoshop, and Illustrator will be used. Please Note: Course will meet in a Mac lab. Lab Fee: $25
M 6:05–9:05 PM; 10 SESSIONS SEPT 14–NOV 16
SIERRA SIEMER
PMCG 475 3.0 C.E.U.’S $855

Pratt Institute’s School of Continuing and Professional Studies offers a superior professional art and design education with an outstanding faculty and exceptional facilities. Courses taught by the world’s finest professional artists and designers, combined with the cultural resources of New York City, ensure a balanced education.

For information or to speak with advisor, please contact the Pratt SCPS Manhattan campus at 855.551.7727 or email us at prostudy@pratt.edu.
Logo and Branding Design
Discover the creative power of letterform and imagery, using fresh ideas and typographic principles to create this potent symbol of business identity—the logo. Study and apply the process of branding: identifying and communicating the desired emotional corporate image, which is the way the public views a company, individual or group, and its associated products or services. Learn how to brainstorm, adapt, and combine visuals and typography, customizing it to this end, whether modifying or drawing from scratch. Master the fine-tuning process and digital illustration of your logo design using Adobe Illustrator and Photoshop.

Prerequisites: Adobe Illustrator I, Photoshop/Imaging I. Pencil sketching ability, graphic design, typography are beneficial.

Computer Facilities Fee: $25.
TH, F 6:05–8:05 PM; 15 SESSIONS AUG 27–DEC 10
ANTHONY BLOCH
PMGD 477 3.0 C.E.U.’S $855

The Art of the Graphic Novel—From Soup to Nuts
The term “graphic novel,” first coined by Will Eisner, is no longer considered underground but is now accepted as a legitimate form of mainstream literature for children and young adults. Explore the art of storytelling in the form of graphic novels. Separated into three five-week sessions, learn the phases of writing, illustrating, designing, and producing a graphic novel. Whether a professional illustrator, comic book artist, or weekend enthusiast, this class will inspire you to tell your own story or recount a classic.
F 6–9 PM; 10 SESSIONS OCT 2–DEC 11
LYNNE ST CLARE FOSTER
PMGD 514 3.0 C.E.U.’S $455

Environmental Graphics: Wayfinding Workshop
or, You Can Get There from Here
Learn the basics of how to conceptualize, plan, and design wayfinding and signage systems. Designers and architects will develop an understanding of the terminology and detailed steps involved to strategize and implement wayfinding signage. Classes begin with an overview of the process, followed by more detailed discussions of each phase of a project. Increase your skills by developing a project in tandem with each class. Visual materials include examples of typical projects, design schematics and how to present development phases to clients, as well as discussion of finished installations. Client interaction, typical problems, and fabrication issues will be explored.
Prerequisite: Ability to read a floor plan.
TH, F 9 AM–5 PM; 2 SESSIONS OCT 15–16
MELANIE ROHER, DEBRA MAGID
14 AIA/HSW LU’S, 14 PDH’S $605
PMPD 754

Mixed-Media

Art Journaling 101
An art journal is an illustrated creative diary or notebook. Using fine art and craft materials and techniques, it can be a visual token of your everyday life, thoughts, travels, or events. Learn how to become inspired and discover the basics of art journaling in this six-hour class. Explore mixed-media techniques using collaging and creating colorful backgrounds with acrylic paint and other media. Delve into this stress-relieving art form and create the first basic, beautiful pages in a visual journal.

Please Note: Nathalie Kalbach will provide Liquitex paint media and other supplies, but will also give a list of other basic class supplies and tools needed to be purchased. Expenses will not exceed $25 and will depend upon your budget. Please contact Nathalie at nathalie.kalbach@gmail.com for questions about the class and supply list.
SU 9:30 AM–4:30 PM; 1 SESSION SEP 27
NATHALIE KALBACH
PMFA 506 .6 C.E.U.’S $169

Compose Yourself
How cool would it be to come to a class with only a pocketful of supplies, and leave with a portfolio of completed exercises that support your effort to improve building successful collages? With materials provided, we will work in black and white to create small panels that address the fundamental lessons of composition. We will practice editing, using positive and negative shapes, creating balance, and integrating personal inscriptions. The lessons are intended to encourage intelligent choices, and to observe, as a class, the opportunities for elevating our work to be clever, personal, and distinctive.

Please Note: Instructor will provide materials for class with a $5 materials fee payable to instructor and students will need scissors, glue stick, and fine line black marker. Please contact Michelle Ward at GRNPEP@optonline.net to make any inquiries about the workshop.
SA 9 AM–5 PM; 1 SESSION OCT 10
MICHELLE WARD
PMFA 518 .7 C.E.U.’S $179

DeComposition Journal
Make a journal with pages of upcycled cardboard panels and low-tech binding that leaves all edges of pages exposed. After the journal is assembled we deliberately deconstruct random portions with peeling, tearing, piercing, and detailed cutting. Then we will work on composing content on the surfaces using paint, stencils, and collage. We will get a good start on embellishing this journal with dimensional attractions, interesting edges, interactive elements, and your own writing. Instructor will provide materials for binding and embellishing.

Please Note: Students will be required to bring some basic supplies. Contact Michelle Ward at GRNPEP@optonline.net for the supply list or to make any inquiries about the workshop.
SA 9 AM–5 PM; 1 SESSION OCT 24
MICHELLE WARD
PMFA 519 .7 C.E.U.’S $179

Mixed-Media Collage
Create unique background papers experimenting with papers, paints, stencils and stamps in the first half of the class. Different painting techniques using acrylic
paints will result in beautiful, layered designs. In the second half of the class, learn how to transform those papers to compose pleasing collages. Go whimsical or abstract depending on your taste.

Please Note: Nathalie Kalbach will provide Liquitex paint media and other supplies, but will also give a list of other basic class supplies and tools to be purchased. Expenses will not exceed $25 and will depend upon your budget. Please contact Nathalie at nathalie.kalbach@gmail.com for questions about the class and supply list.

SU 9 AM-4 PM; 1 SESSION OCT 18
NATHALIE KALBACH
PMFA 507 .6 C.E.U.’S $169

Mixed-Media Printmaking
Create mixed-media prints using a smooth, non-absorbent surface. The surface can be glass-, acrylic-, or gelli-plate onto which a paint medium is applied. Explore different reductive and/or additive techniques to create your images, which will be then transferred onto paper. Learn how to produce unique prints where no second print will look alike. We will work with acrylic paint, household items, stencils and stamps, watercolor paper, book paper, deli paper, and patterned paper. The prints can be artwork as is, used in art journals, as collage elements, your mixed-media art and so much more.

Please Note: Nathalie Kalbach will provide Liquitex paint media and other supplies, but will also give a list of other basic class supplies and tools to be purchased. Expenses will not exceed $25 and will depend upon your budget. Please contact Nathalie at nathalie.kalbach@gmail.com for questions about the class and supply list.

SU 1-5 PM; 1 SESSION DEC 13
NATHALIE KALBACH
PMFA 509 .4 C.E.U.’S $159

Polymer Clay for the Artist: An Introduction to Techniques and Design
Polymer clay is an infinitely versatile medium that lends itself to many creative applications. Fine artists and craftspeople, illustrators, home ware and jewelry designers can augment their practice by incorporating polymer’s brilliant colors and plasticity into their work. Discover the clay’s distinctive properties through projects designed
to explore textures, color blends, sculptural elements and surface design. Starting with a few simple tools, you will be able to create small vessels, decorative tiles, and hollow forms while building your skills with an emphasis on personal experimentation and style. The class will also cover the proper methods for safely curing the clay.

Please Note: This class is open to students with some art, craft, and design background. A list of materials and tools will be provided. Some supplies can be purchased from the instructor on the first day of class.

SU 9 AM–1 PM; 4 SESSIONS OCT 4–25
DONNA GREENBERG
XFA 509 1.6 C.E.U.’S $349

Stitch by Stitch: Crafting for Investigation, Collaboration
Tired of living through your iPhone and longing for something hands-on? Looking for new ways to communicate? Hoping to expand your artistic vision? In “Stitch by Stitch,” you will master a glossary of stitches and gain confidence using them to make dolls, mobiles, soft sculptures, a hand-stitched artist book, or to share your own writing or favorite quotes or poems. Hands-on techniques include transferring images from a photograph or drawing onto fabric; using embroidery to render text; stitching and stuffing fabric to create sculptures, jewelry, and 3-dimensional objects; reconsidering fabric as a canvas for a painting, drawing, or mixed-media artwork; printing digital images, photographs, and artwork onto fabric.

SU 9:30 AM–12:30 PM; 5 SESSIONS SEPT 20–OCT 18
IVIVA OLENICK
PMFA 513 1.5 C.E.U.’S $259

Roll With It
In this fast-paced class, we will quiet the inner critic as we swiftly fill a 20-foot roll of paper with numerous painting techniques meant to teach some simple tricks for achieving interesting, textured, layered backgrounds. Some of what we will cover: the properties of gesso, resists, grungy patterns, monoprinting, stenciling, and surface design. Starting with a few simple tools, you will master a glossary of stitches and gain confidence using them to make dolls, mobiles, soft sculptures, a hand-stitched artist book, or to share your own writing or favorite quotes or poems. Hands-on techniques include transferring images from a photograph or drawing onto fabric; using embroidery to render text; stitching and stuffing fabric to create sculptures, jewelry, and 3-dimensional objects; reconsidering fabric as a canvas for a painting, drawing, or mixed-media artwork; printing digital images, photographs, and artwork onto fabric.

SU 9:30 AM–12:30 PM; 5 SESSIONS SEPT 20–OCT 18
IVIVA OLENICK
PMFA 513 1.5 C.E.U.’S $259

What a Relief
Create a 12” x 12” dimensional sculpture with purposely deconstructed corrugated cardboard. Beginning with quadrants of smaller sizes, we will build layers of surfaces and will manipulate the humble material with peeling, tearing, piercing, and detailed cutting. Inspired by the large monochromatic work of Louise Nevelson, these smaller pieces will be easier to construct, but we will learn a lot as we explore how to achieve interesting details to capture both shadow and texture.

Please Note: Instructor will provide 12” square base cardboard, and additional materials and tools. Students will need a cutting mat, utility knife, metal edge ruler, pencil and adhesive. Optional: awl. Contact Michelle Ward at GRNPEP@optonline.net to make any inquiries about the workshop.

SA 9 AM–5 PM; 1 SESSION NOV 1
IVIVA OLENICK
PMFA 521 .7 C.E.U.’S $179

FASHION DESIGN

Fashion Design: Construction Techniques for Garments I
Construct garments using existing commercial patterns. Beginners will learn the basic hand-sewing techniques and terms, proper layout, a variety of zipper applications,
transferring and marking techniques, and the use of industry machines and equipment. A student supply list will be provided on the first day of class.

Facilities Fee: $5 payable directly to instructor on first day of class.

W 6–9 PM; 10 SESSIONS SEPT 30–DEC 9
ADRIENNE JONES
XFD 107 3.0 C.E.U.’S $405
PRATT BROOKLYN

Pattern-Making for the Female Form
Discover the basics of pattern-making for the female form. Develop the beginning pattern-making skills using the basic bodice and skirt slopers. Create and fit the basic sloper, the eight basic darts, and dart manipulation for a variety of bodices and skirts.
TU 6–9 PM; 10 SESSIONS OCT 6–DEC 8
JACQUELINE LAMONT
XFD 113 3.0 C.E.U.’S $405
PRATT BROOKLYN

FINE ARTS

Basic Drawing
Drawing is a vital means of seeing the world. Explore how to draw using a variety of media and methods including pencil, pen/brush and ink, charcoal, pastel, and a touch of collage in black and white, and ways of introducing color. Whether an enthusiastic beginner or an advanced drawing student, you will be given various opportunities, through working from observation of the figure, cityscape, objects, and ideas, to develop your imagery/style and expand upon your visual arts skills.
SU 9:30 AM–12:30 PM; 10 SESSIONS SEPT 27–DEC 6
PHYLLIS ROSENBLATT
PMFA 429 3.0 C.E.U.’S $405

Chinese Art
This beginner-level course introduces traditional Chinese art materials and basic techniques used in centuries-old Chinese painting. Through demonstration and hands-on exploration, participants will create a variety of finished paintings at the end of each class under guidance of the instructor. This course is also suitable for industrial and fashion designers.
Prerequisite: None
F 6–9 PM; 5 SESSIONS OCT 2–30
VICTORIA CHANG
PMFA 473 1.5 C.E.U.’S $259

Contemporary Chinese Art
Put traditional Chinese painting techniques into a contemporary western context. Participants will learn the pouring method that began in the late Tang Dynasty (618–906 A.D.). Other applications include crumpling, folding, and spattering using a variety of Chinese papers and Chinese ink and acrylic color. Participants are encouraged to expand their creativity and imagination in a supportive environment.
Prerequisite: Previous experience in Chinese art.
Union Square. A trip to night court will also be included. Students will keep intensive journals of their visits that include observations of each location, interviews with people connected with their location, and photographs.

SA 10 AM–1 PM; 5 SESSIONS OCT 3–31
LYNNE ST CLARE FOSTER
PMFA 515 1.5 C.E.U.’S $259

ILLUSTRATION

Introduction to Botanical Illustration
Botanical art is a satisfying and rewarding way to encounter natural systems. Focus on the details of plants through close examination and learn to record the structure and beauty of the stem, leaf, branch, root system, and flower. Examine the gesture of the plant, arranging the isolated subject on the page, drawing the distinguishing characteristics of the plant, transferring the detailed drawing to watercolor paper, and completing the work with washes of watercolor.

SA 1–4 PM; 10 SESSIONS SEPT 26–DEC 5
NANCY GLOVER
XFA 467 3.0 C.E.U.’S $405
PRATT BROOKLYN

FILMMAKING

The Mindful Filmmaker: Awake Cinematic Engagement
Immerse yourself in this three-day, 15-hour cinematic journey through film screenings and appreciation, actual film production, and meditative and contemplative skills training. You will learn to suspend your endlessly thinking mind through contemplative exercises that we have recognized in our own artistic sensibilities in response to the films we screen. Going deeper into our aesthetic roots, we train to become confident and familiar with the non-conceptual world of aesthetic sensibility, putting freedom of expression and motivation at the service of our stories and narratives.

F 6–9 PM, SA, SU 9 AM–4 PM; 3 SESSIONS OCT 2, 3, 4
JOHN HALPERN
XAFL 100 1.5 C.E.U.’S $275

INDUSTRIAL DESIGN

Students gain knowledge and hands-on experience in a variety of topics associated with the expanding field of industrial design. The program is geared toward:

- Those with minimal or no experience who are curious about the field and who wish to acquire firsthand experience in industrial design.
- Professionals looking to expand their repertoire of skills and knowledge. Each course may be taken separately or together.
- Prospective students who wish to gain admission to Pratt’s Master of Industrial Design (MID) program with minimal or no prior experience in the field.

The courses are non-credit and are not required for acceptance to Pratt’s Master of Industrial Design program, nor do they guarantee acceptance into the program. However, they can help students gain insight into Pratt’s MID program and prepare for future graduate design studies.

Courses are offered in the fall, spring, and summer sessions.

Product Design
Learn how products are designed and what it takes to bring a product to market in this hands-on class. Exercises will include analyzing and dissecting current products; brainstorming, prototyping, and materials workshops; and developing a product from concept to basic prototype. Explore designers and design firms, the elements of a successful product, basic prototyping, materials, manufacturing processes, understanding the current market, and patents.

Please Note: This class is open to all, but prior enrollment in a drawing class and/or 3D design/model-making class is recommended.

TU 6–9 PM; 12 SESSIONS SEPT 22–DEC 8
JOBE BOBEE
XIND 105 3.6 C.E.U.’S $835
PRATT BROOKLYN

Drawing for Product Design
Drawing is a form of visual communication. Experiment in different media including pen, pencil, markers, and pastels to develop a broad range of skills and an understanding of two- and three-point perspectives. Study composition and basic rendering techniques that help create a sense of light and atmosphere, making your drawings vibrant and dynamic. Examine geometric and amorphic forms, ideation through freehand sketching techniques, presentation techniques, and technical drawing/drafting. Students will present their drawings and build their portfolios.

SA 9:30 AM–12:30 PM; 12 SESSIONS SEPT 26–DEC 19
MARK LIM
XIND 107 3.6 C.E.U.’S $835
PRATT BROOKLYN

3D Design/Model-Making
Explore the elements of three-dimensional design and varied types of hand-built models used by industrial designers. Acquire the skills needed to build portfolio-ready models through using a range of materials, tools, and techniques. Examine basic principles of three-dimensional composition, form analysis, abstraction, ideation techniques, and model-making skills.

Please Note: Model-making supplies will cost $100–$200. Please bring the following to the first class:
- #1 or #2 X-acto knife or snap-off blade utility knife;
- needle-nose pliers with wire cutter; sketch book/pad;
- pens, pencils; minimum 18-inch steel ruler; and scissors.

M 6–9 PM; 12 SESSIONS SEPT 21–DEC 7
GABRIEL RUEGG
XIND 102 3.6 C.E.U.’S $835
PRATT BROOKLYN
Product Design: Portfolio Development and Design
Interested in being admitted to Pratt’s Master of Industrial Design program? Gain the opportunity to fine-tune projects and build a strong portfolio that can be used for application to Pratt’s Industrial Design program or for industry job applications. Learn how to tell the story of your design process: the basics of page and book layout; choice of typography; simple photography technique; how to scan flat work; basic Adobe Illustrator skills; basic Adobe Photoshop skills; basic book binding; and presentation techniques.
Please Note: Printing and supplies will cost $100–$200.
Prerequisites: Drawing for Product Design and Modelmaking /3D Design (GP) or Product Design (GP).
Consultation is required to take this course: please contact the instructor, Mahtab Pedrami, at mahtab.pedrami@gmail.com.
SA 1–4 PM; 12 SESSIONS SEPT 26–DEC 19
MAHTAB PEDRAMI
XIND 110 3.6 C.E.U.’S $855
PRATT BROOKLYN

INTERIOR DESIGN
AUTODESK® REVIT® FOR INTERIOR DESIGN

Autodesk® Revit® 2016 for Interior Designers: Level I
Using Autodesk® Revit® offers significant benefits for interior design with powerful modeling, visualization, and documentation tools. The course introduces the concept of BIM (Building Information Modeling), placing emphasis on interior design process rather than the aspects of architectural design. Explore the basic techniques of creating and modifying design layout, material library, and custom fixtures. The comprehensive model allows you to update design while offering an up-to-date drawing set, rendered perspective views, and schedules. Learn the skills to generate various design studies and investigations within a single model using the design options tool.
Please Note: Hands-on exercises are used to illustrate a well-coordinated design and documentation process.
SECTION 1 (W):
SU 9 AM–12 PM; 10 SESSIONS SEPT 27–DEC 6
EUGENE KWAK
30 AIA/CES LU’S, 30 PDH’S
PMA 557 3.0 C.E.U.’S $905

Autodesk® Revit® 2016 for Interior Designers: Level II
Using Autodesk® Revit®, you will learn advanced techniques of creating interior design projects. The course will focus on multiple, in-depth topics to introduce workflow that can be applied to the mainstream design industries. Discover a method to enhance organization with a custom template which pre-loads a set of drawing sheets and contents. Interior design requires accurate documentation of space conditions during the design and construction process, and the Phasing tool can be utilized to coordinate existing and proposed conditions. Become familiar with a work-share tool, that allows collaboration of multiple users to build and modify a single model.
Please Note: Hands-on exercises are used to simulate real-world workflow.
Prerequisite: Autodesk® Revit® for Interior Designers: Level I
SECTION 1 (W):
SU 1–4 PM; 10 SESSIONS SEPT 27–DEC 6
EUGENE KWAK
30 AIA/CES LU’S, 30 PDH’S
PMA 557 3.0 C.E.U.’S $905

JEWELRY MAKING

Beginner Jewelry Design Intensive I
You will receive a solid foundation to develop your own designs for earrings, necklaces, and bracelets. An overview of several different techniques and materials, proper tools and their usage will be taught, applied, and explored. Discover the abundant sources for beads, findings, and other tools and materials. Organize your workspace, establish a library of resources, and create jewelry working with wire, making perfect loops, wraps, and findings. There will be time for stringing beads and pearls, knotting, crimping, professional finishes, and more.
Please Note: Please bring $25 cash (payable to the instructor) to the first session for materials such as (but not limited to) wire, beads, elastic, etc. for projects we will be creating in the first few sessions. Your completed projects may inspire you to create your own line or give them away as gifts.
SA, SU 9 AM–5 PM; 4 SESSIONS NOV 7–8, 14–15
MARIA LEATHER
PMJ 470A 2.8 C.E.U.’S $385

Scultpure for Jewelry and Costume
This is a comprehensive technical course that teaches students with fashion or drawing backgrounds how to design and sculpt for jewelry, costumes, and special effects. The course will cover the complete design process including but not limited to research, concept, blue print, and production. Students will be working in a variety of media including Castilene, wax, and various other malleable compounds. Throughout the course students will keep a sketchbook journal. Visual note-taking skills will be emphasized heavily, as will participation in group critique and preparation for individual review.
FRI 6–9 PM; 10 SESSIONS OCT 2–DEC 11
MICHAEL BARRY
PMJ 481 3.0 C.E.U.’S $405

SCULPTURE

Metalworking I
Explore metalworking as an art form and examine the techniques of welding, brazing, soldering, bending, cutting, forging, and drilling. Create and construct a small sculpture by the culmination of class.
Facilities Fee: $100
Metalworking II
Explore an in-depth analysis of metalworking techniques, including finishing methods and special applications of welding procedures.
Prerequisite: Metalworking I or demonstrated equivalent.
Facilities Fee: $100
W 6–9 PM; 10 SESSIONS SEPT 30–DEC 9
ADAM APOSTOULOS
XFA 106 3.0 C.E.U.'S $435
PRATT BROOKLYN

TECHNICAL DRAWING

Architectural/Mechanical Drafting I
Discover the fundamental drafting skills used in the architectural/mechanical and engineering fields. Learn the theory and principles of drafting tools, techniques and the basic drafting of floor plans, elevations, sections, details, and orthographic projections and schedules. Develop basic technical skills and understand the reasons for different views as well as the spatial relationships in architectural and mechanical drawings. Draft a floor plan, and create elevations and sections of a simple, small structure as well as several small mechanical components.
Gain the basic knowledge of required drafting skills and helping out in real-life work scenarios, and learn how these skills translate and relate to today's basic 2D digital software packages (i.e. AutoCAD®, Autodesk® Revit®, Architecture, and Autodesk® Inventor®).
Please Note: A mandatory material list will be given at the first class in order to complete all class/home assignments.
F 6:30–9:30 PM; 10 SESSIONS OCT 2–DEC 11
CHRIS RAMIREZ
PMTD 101 3.0 C.E.U.'S $435

INTEGRATIVE MIND AND BODY PROGRAM

Explore Pratt Institute's newly expanded Integrative Mind and Body Program on our Brooklyn campus. Bring improved health, happiness, and a state of well-being into your life and take one of Pratt's course offerings in Yoga, Pilates, Yogalates, and Meditation. Help foster greater mind and body awareness in a safe, nurturing environment while providing a pathway toward physical attentiveness, emotional growth, and spiritual awakening.
Pratt's certified instructors provide the community with the benefits of this nationally recognized program, (one of the top 10 according to the "The Yoga Download" blog posted on August 28, 2013).

Beginner Hatha Yoga
Learn the fundamentals of a Hatha-style yoga practice with a Vinyasa style (yoga sequences connected with the breath), and explore the yogic philosophy. Focus on postural alignment to safely develop strength, endurance, flexibility, balance, and reduce stress. Develop greater awareness of your body for body-mind alignment and establish your own personal yoga practice.
Requirements: Students must supply their own yoga mat.
SA 9:30–11 AM; 10 SESSIONS AUG 29–OCT 31
VIDISHA PAUL
XYOG 105W 1.5 C.E.U.'S $185

Beginner Mat Pilates
Develop the ability to perform beginner mat Pilates exercises for wellness. Begin to understand and perform the basic Pilates workout according to the inherent principles introduced. Achieve mind and body alignment; facilitate balance, flexibility, and strength; improve posture; and focus on the powerhouse (core muscles).
Requirements: Students must supply their own yoga mat.
SA 2–3:30 PM; 10 SESSIONS AUG 29–OCT 31
JENNA SHEA
XPIL 105W 1.5 C.E.U.'S $185

Meditation
The Meditation course is an introduction to the study and practice of the main styles and common threads of meditation. Learn tools to train the mind’s attention in ever-increasing mindful awareness of your inner and outer world, as a way to expand your ability to make optimal choices in every moment. Meditation is an effective mind-body practice that supports mental, emotional, and physical balance through alignment, as well as fostering sense of inner calm. Topics will range from the scientifically recognized benefits of meditation to its applications for well-being, creativity, and sustainability.
Requirements: Students must supply their own yoga mat.
TH 8–9:30 PM; 10 SESSIONS AUG 27–OCT 29
VIDISHA PAUL
XYOG 225W 1.5 C.E.U.'S $185

Yogalates
Yogalates is a hybrid introduction course to yoga and Pilates, two complementary body/mind exercise regimes. Strengthen core and postural muscles, while improving balance and coordination. Yogalates integrates Pilates exercises for core strength, while Hatha Yoga exercises focus on limb strength and flexibility. Learn correct breathing methods and meditative mindfulness, resulting in enhanced fitness and awareness of one's body for mind-body alignment.
Requirements: Students must supply their own yoga mat.
F 4–5:30 PM; 10 SESSIONS AUG 28–OCT 30
JENNA SHEA
XYOG 125W 1.0 C.E.U.'S $185

Yoga Retreat in the Berkshires
Immerse yourself and find relief from everyday stresses by joining in on our three-day Yoga Retreat.
in the Berkshire Mountains at Race Brook Lodge in Sheffield, Massachusetts, this fall.

Accommodations are tucked into a beautifully restored cluster of early 19th-century farm buildings and cottages. You can view the grounds and the accommodations by visiting the lodge at www.rblodge.com.

Rates include more than 10 hours of amazing yoga which will be accessible to students of all levels, walking meditation, restorative yoga, evening meditation, and restorative yoga classes, delicious seasonal meals, accommodations, and transportation to and from Race Brook Lodge.

For more information, please contact: Professor Rosie DePasquale at rdepasq@pratt.edu or 718.687.5727.

F–SU; 3 DAYS NOV 13–15
XYOG 300W $805

CAREER DEVELOPMENT

**Licensing Essentials for Artists and Designers**

This is a comprehensive, easy-to-follow licensing course especially for creative professionals. Whether you are a graphic designer, illustrator, photographer, surface designer, or fine artist, this course will show you how to market your creativity successfully. It is perfect for artists and designers who are entering licensing for the first time and want to develop practical strategies, as well as more experienced artists and designers who are interested in taking their licensing careers to the next level. Emphasis will be placed on copyright law; art licensing contracts; royalty and advance negotiation; licensing trends/market analysis; working with agents.

**TU 6:05–9:05 PM; 10 SESSIONS SEPT 29–DEC 1**

NINA EDWARDS
PMCD 301 3.0 C.E.U.’S $855

**Digital Design Portfolio**

Branding is critical to your success as a designer, regardless of your specialty. Build your brand with an emphasis on marketing, hiring, interviewing, and networking. In this course you will create and refine your brand and digital portfolio, taking into consideration the relationship of you, the designer, to your work, and ultimately to your client(s).

**Lab Fee: $25**

**SA 1–4 PM 10 SESSIONS SEPT 26–DEC 5**

ALY ENGLISH
MFD 301A 3.0 C.E.U.’S $855

**So, you want to be an artist in NYC?**

Chelsea, Bushwick, the Lower East Side, LIC, Greenpoint. These are just a few neighborhoods bursting with galleries, which range from living rooms and lofts to blue-chip establishments. Where does your work fit within this broadening net of NYC venues? If you’ve never shown your work, where should you start? If you’re actively exhibiting, how do you transition to gallery representation and/or more frequent exhibitions? Improve your tools for promoting your work, perfecting multiple versions of your artist statement, and integrating and enhancing content on your website(s), blog(s), Instagram, Facebook, and Twitter. Sharpen your understanding of where you fit within the NYC gallery structure and your confidence in approaching institutions.

**SU 1–4 PM; 5 SESSIONS OCT 11–NOV 8**

IVIVA OLENICK
PMCD 122 1.5 C.E.U.’S $259
Our Digital Design certificates deliver flexible paths for both amateurs and professionals. Certificate programs can be taken individually or stacked, producing an accelerated path to completion, and courses can be taken without having to enroll in a certificate program. In addition, through an interdisciplinary certificate in Computer Graphics, students can design a custom curriculum across all of the Digital Design certificates to meet their unique goals. Finally, the option to take an internship affords career-minded students the opportunity to résumé-build and gain real-world experience.

With so many possibilities for professional reinvention and growth, SCPS Digital Design certificates are your best asset for starting or evolving your digital design practice.
ADOBE CREATIVE CLOUD (choose 2)
PMCG 202 Adobe Illustrator: Graphic Illustration I
PMCG 420 Adobe Illustrator: Graphic Illustration II
PMCG 422 Photoshop: Imaging I
PMCG 425 Photoshop: Imaging II
PMCG 303 Adobe InDesign

ELECTIVES (choose 2)
PMCD 301 Licensing Essentials for Artists and Designers
PMGD 476 Introduction to Logo Design
PMGD 477 The Typographic Logo: Branding, Design, and Artwork
PMCG 302 Certificate Program Internship

GRAPHIC DESIGN
Learn how to communicate your message with typography, layout, color, and image, and master industry-standard tools, including InDesign, Photoshop, and Illustrator. Choose from a wide selection of electives in new media and web design to prepare you for today’s demanding market. Get your foot in the door by taking advantage of internship opportunities. Finish with a market-ready portfolio and knowledge of best practices for presentation and networking opportunities. Classes are hands-on and project-based, taught by Pratt faculty and design professionals.

REQUIRED CORE COURSES (3)
PMCG 475 Intro to Graphic Design
PMGD 466 Basic Typography
PMFD 301B Digital Design Portfolio

ADOBE CREATIVE CLOUD (choose 3)
PMCG 202 Adobe Illustrator: Graphic Illustration I
PMCG 420 Adobe Illustrator: Graphic Illustration II
PMCG 422 Photoshop: Imaging I
PMCG 425 Photoshop: Imaging II
PMCG 303 Adobe InDesign

ELECTIVES (choose 3)
PMCG 468B Coding III: Beyond the Front End
PMCG 485 WordPress for Designers
PMCG 484 Responsive Web Development for Designers

MOTION GRAPHICS
Graphic designers learn how to incorporate motion and sound into their work. Filmmakers learn how to incorporate graphics and effects into their projects. Motion designers explore new genres in their field.

REQUIRED CORE COURSES (3)
PMCG 507 Intro to Motion Graphics
PMCG 406 Adobe After Effects: I

PMFD 602 Motion Graphics Portfolio

ELECTIVES (choose 1)
PMCG 506 Explore Video Art
PMCG 508 Motion Graphics for Social Change
PMCG 230 Autodesk® Maya® 2016 Fundamentals: 3D Modeling, Animation, and Rendering

CAD ARCHITECTURAL DESIGN
Hone the tools needed to deliver architectural designs to both contractors and clients. Create CAD drawings using industry standards: Autodesk®, AutoCAD®, and Autodesk® Revit Architecture. Finish with photo-realistic renderings using Autodesk® 3ds Max.

Prerequisite to program (waived through prior drafting knowledge): PMTD 101 Architectural/Mechanical Drafting I.

REQUIRED CORE COURSES (2)
PMA 401 AutoCAD® Prof Level I
PMA 402 AutoCAD® Prof Level II

ELECTIVES (choose 1)
PMA 406A Autodesk® Revit® Professional Level I
PMA 412A Autodesk® Revit® Professional Level II
PMCG 223 Autodesk® 3ds Max® Modeling and Rendering I
PMCG 252 Architectural Design with Autodesk® 3ds Max® Modeling Design Level I

UX/UI MOBILE DESIGN
Enter the fast-growing field of UX/UI design for apps and much more through the certificate in UX/UI Mobile Design. The program will provide you with all of the building blocks to get started as a UX/UI designer. Beginning with a comprehensive introduction to the field, through best practices and methodologies in user research, you’ll finish knowing how to manifest your designs so they are deliverable both to clients and developers.

REQUIRED CORE COURSE (To complete the certificate)
PMCG 800 Certificate Course in UX/UI Mobile Design

or

ELECTIVES (4)
PMCG 801 Introduction to UX/UI Mobile Design
PMCG 802 Visual Artifacts in User Experience
PMCG 803 User Experience Design Research
PMCG 804 User Interface Prototyping in Code

COMPUTER GRAPHICS
Take an interdisciplinary approach to SCPS's Digital Design certificates through the certificate program in Computer Graphics. Create a custom curriculum in consultation
with an advisor through a selection of classes from these certificates: Graphic Design, Web Design, UX/UI Mobile Design, Motion Graphics, and CAD Architectural Design.

The certificate in Computer Graphics is a three-semester program which requires the successful completion of a minimum 36 CEUs, totaling 360 hours of study. Students receive a letter grade in each course. A “C” average and 80 percent attendance is required to earn the certificate in Computer Graphics.

The certificate in Computer Graphics is open to international students who meet the I-20 requirements for an F1 visa. Eligible students may apply for OPT post completion and CPT through an internship while enrolled. For more information, contact Chris Ferrara at cferrara@pratt.edu.
Key
(m) = Macintosh Platform
(w) = Windows Platform
(L) = Keynote Lecture
(AIA) = AIA Professional

Please Note: See page 38 for more courses in the Autodesk® Training Center at Pratt Manhattan.

Courses

MOTION DESIGN

Traditional Animation I
Animation is possibly the most versatile art form. Anything that you can see can be made to move through animation, whether it is 3D or flat, realistic or abstract. Focus on drawn animation, starting with simple flipbooks and work up to fuller character-style animation. Learn timing and motion charts, key-framing and in-betweening, straight-ahead animation, gestures and posing, anticipation and reaction, overlapping motion, squash, and stretch.

Prerequisite: Basic Drawing, or Basic Drawing for Animation.
TH 6:30–9:30 PM; 10 SESSIONS OCT 1–DEC 10
GREG WEBB
PMFA 479 3.0 C.E.U.'S $435

Autodesk® Maya® 2016 Fundamentals: 3D Modeling, Animation, and Rendering
Autodesk® Maya® is the premier 3D animation package used by filmmakers, architects, multimedia artists, and game designers. By using Autodesk® Maya®, gain a solid foundation in modeling, animating, lighting, texturing, and rendering within a 3D environment. Students must complete a final project with a fully rendered 3D scene, equipped with lights and materials. Learn the navigation of the 3D workspace, NURBS modeling techniques, basic animation skills, overview of 3D lighting design, creating isometric shading networks, applying texture and bump maps, and rendering scene files.

Prerequisites: Photoshop or Illustrator or equivalent.
3D Computer Graphics Theory is recommended.
SECTION 1 (W):
F 6–9 PM; 10 SESSIONS OCT 2–DEC 11
FRANK COLLAZO, ACI
SECTION 2 (W):
M–F 9 AM–4 PM; 5 SESSIONS AUG 31–SEPT 4
FRANK COLLAZO, ACI
PMCG 230 3.0 C.E.U.’S $905

Autodesk® Maya® II 2016: Modeling, Animation, and Effects
Build upon skills learned in the Autodesk® Maya® I Fundamentals course, focusing on advanced modeling and animation techniques, and applying visual effects to your scenes. Learn advanced modeling techniques using NURBS, polygons and subdivided surfaces, advanced texturing applications, dynamics properties within Autodesk® Maya®, and visual effects using particle systems.

Prerequisite: Autodesk® Maya® I.
W 8:10–10:10 PM; 15 SESSIONS AUG 26–DEC 9
FRANK COLLAZO, ACI
PMCG 241 3.0 C.E.U.’S $905

Autodesk® Maya® 2016 Advanced Character Design
Jump into this class with a conceptual and historical survey of caricature and character development. You will then sketch and develop pre-production studies of your characters, and review demos on how to create realistic faces, hands, and clothing. The emphasis will be on the design of a specialized “look” to express character. Demos will also be made on production of your own designs. Final projects will be short 10-second animations of characters. Create the specialized rigs and skinning techniques for characters’ motions, modeling a realistic head; subdivision surfaces; advanced organic modeling, including patch modeling for seamless NURBS characters and more.

Prerequisite: Autodesk® Maya® II.
TH 8:10–10:10 PM; 15 SESSIONS AUG 27–DEC 10
FRANK COLLAZO, ACI
PMCG 340 3.0 C.E.U.’S $905

Autodesk® 3ds Max® 2016 Fundamentals: Modeling and Rendering I
If you are entering a field that uses 3D visualization, explore the inner workings of Autodesk® 3ds Max. Architects, interior designers, product designers, character artists, game designers, and others entering similar design occupations will benefit from understanding this powerful program, utilizing proven production methods that interact throughout the program. New users, returning users, and those seeking to reacquaint themselves with the latest versions will be able to navigate, model, texture, light, and render objects and scenes in both artistic and realistic methods easily.

Prerequisites: None
SECTION 1 (W):
M 6:05–8:05 PM; 15 SESSIONS AUG 24–DEC 14
SECTION 2 (W):
TU–F 9 AM–5:30 PM; 4 SESSIONS SEPT 8–11
Autodesk® 3ds Max® 2016 Modeling, Materials, and Rendering II
Concentrate further on 3ds Max® by exploring organic shapes, higher levels of modeling, mapping, and texturing for complex representations. Built-in camera mapping functions and matching are explored as well as setting up renderers so that your images can be composited properly to provide maximum effect.
*Prerequisites: Autodesk® 3ds Max® Modeling and Rendering I, or demonstrable skill/experience equivalent.
 SECTION 1 (W):
 W 6:05–8:05 PM; 15 SESSIONS AUG 26–DEC 9
 FRANK COLLAZO, ACI
 SECTION 2 (W):
 M–F 9 AM–4 PM; 5 SESSIONS SEPT 21–25
 ERIC KACHELHOFER, ACI
 PMCG 240 3.0 C.E.U.’S $905

Autodesk® 3ds Max® 2016: Animation I
Learn by demonstrations of examples and practice the methods that 3ds Max® handles of animation concepts employed in traditional animation and filmmaking. Explore the technical aspects that allow for creative freedom in bringing your ideas to motion and life.
*Prerequisites: Autodesk® 3ds Max® Modeling and Rendering I, or demonstrable skill/experience equivalent.
 SECTION 1 (W):
 F 6–9 PM; 10 SESSIONS OCT 2–DEC 11
 SECTION 2 (W):
 M–F 9 AM–4 PM; 5 SESSIONS OCT 25–30
 ERIC KACHELHOFER, ACI (ALL SECTIONS)
 PMCG 333A 3.0 C.E.U.’S $905

Autodesk® 3ds Max® 2016: Animation II
Explore technical aspects of rigging, wiring, and controlling a complex character rig. During class, a highly technical environment will be presented and manipulated enabling students to create and control any sort of rig needed to meet the challenges of a robust production environment.
*Prerequisites: Autodesk® 3ds Max® Modeling and Rendering I, or demonstrable skill/experience equivalent.
 TU 8:10–10:10 PM; 15 SESSIONS AUG 25–DEC 1
 ERIC KACHELHOFER, ACI
 PMCG 330A 3.0 C.E.U.’S $905

Autodesk® 3ds Max® 2016 Advanced: Character Modeling
Learn character modeling by focusing on one of the hardest things to model: the human body. By researching and setting up proper references, explore the concepts of proper modeling for making a character that can be animated with proper bending, expression, and detail.
*Prerequisites: Autodesk® 3ds Max® Modeling and Rendering I, or demonstrable skill/experience equivalent.
 M–F 9 AM–4 PM; 5 SESSIONS OCT 19–23
 ERIC KACHELHOFER, ACI
 PMCG 331A 3.0 C.E.U.’S $905

Autodesk® 3ds Max® 2016 VFX/Special Effects
Learning how to simulate or when to simulate is a challenge in today’s growing demand and reliance on VFX materials in all forms of entertainment. This course will take you through simulations with Autodesk® 3ds Max®’s MASSFX simulation engines, Particles, and MParticles to create explosions, fire, ripping surfaces, and water. Learn when to simulate or when to rely on other methods. Work will be composited inside After Effects for best results including motion blur, creation and enhancement of elements, and depth of field.
*Prerequisites: Autodesk® 3ds Max® Modeling and Rendering I/Animation I, or demonstrable skill/experience equivalent.
 SECTION 1 (W):
 F 6–9 PM; 10 SESSIONS OCT 2–DEC 11
 SECTION 2 (W):
 M–F 9 AM–4 PM; 5 SESSIONS OCT 26–30
 ERIC KACHELHOFER, ACI (ALL SECTIONS)
 PMCG 333A 3.0 C.E.U.’S $905

See pages 38–42 for these course descriptions:

- AIA AutoCAD® 2016 Professional Level I
- AIA AutoCAD® 2016 Professional Level II
- AIA AutoCAD® Architecture 2016: Essential Skills
- AIA Autodesk® Revit® 2016 Professional Level I
- AIA Autodesk® Revit® 2016: Professional Level II
- AIA Autodesk® Revit® 2016: Creating Construction Documents
- Autodesk® Revit® 2016 for Interior Designers: Level I
- Autodesk® Revit® 2016 for Interior Designers: Level II
- AIA Architectural Design with Autodesk® 3ds Max® Design 2016 Level I
- AIA Autodesk® 3ds Max® Design 2016: Visualization Fundamentals
- AIA Autodesk® Revit® 2016: Addition and Renovation Projects
- AIA Autodesk® Revit® 2016: Structure Essentials
- Autodesk® Authorized Training Center Premier Media and Entertainment

Autodesk® 3ds Max® Design 2016 Advanced Lighting
Scene lighting and animated lighting are crucial in the design of animation projects. This workshop analyzes the lighting concepts and techniques used in film, video, and computer animation and how to achieve these effects efficiently in Autodesk® 3ds Max® Design. Topics include: the effects of various types of light sources, setting environmental tone, specific lighting cues used to accentuate storyline, and tips and tricks for faking high-end effects.
*Prerequisites: Autodesk® 3ds Max® Model and Rendering I.
 W–F 9 AM–5 PM; 3 SESSIONS NOV 4–6
 ERIC KACHELHOFER, ACI
 PMAM 224 2.1 C.E.U.’S $665

Autodesk® Mudbox®
What would have taken a lot of planning, modeling, and rigging can now be completed in a fraction of the time with the revolutionary Autodesk® Mudbox® software.
More energy can be spent on creative purposes and less energy on having to learn foreign icons and unintuitive placements of those tools. Learn the beginning steps from the interface to the manageable prototype process. Mini-assignments, lessons, and an overall project based on your own original designs will be due at the course's conclusion. Characters will be developed and refined. Examine Autodesk® Mudbox® character placement; tool usages for figures (life forms vs. mechanical objects); tools for details; higher mesh states; coloring schemes; materials, references; development of your characters; midterm/refining; lighting scene merging; Autodesk® 3ds Max® workflow; replacing different states/adding 3ds props; poses/animations in Autodesk® 3ds Max®; and adding refinements.

**SECTION 1 (W):**
TH 8:10–10:10 PM; 15 SESSIONS OCT 1–DEC 10
GABE WALTER

**SECTION 2 (W):**
M–F 9 AM–4 PM; 5 SESSIONS NOV 9–13
FRANK COLLAZO
PMCG 258 3.0 C.E.U.'S $895

**Special Projects Independent Study**
Advanced 3ds Max® students can arrange to take a special projects seminar with Eric Kachelhofer, kman@kmanstudios.com.

Consult with Eric on projects for your portfolio with advanced assignments. For further information, please contact Perry Han at phan@pratt.edu.
PMCG 601 3.0 C.E.U.'S $895

**MOTION GRAPHICS**
Pratt’s motion graphics design courses are useful for artists and designers interested in incorporating motion and sound into their projects and for the professional who needs these tools for post-production and final output.

**Adobe After Effects I**
Adobe After Effects is essential for digital artists interested in 2D or 3D animation, digital video, web video, broadcast graphics, and film. Examine composition and animation using Adobe After Effects. Produce several weekly assignments and a final project of your own design. You will work with existing visual materials; layer compositing, rendering, and outputting movies; special effects; key-frame animation controls; keying—green screen; motion tracking; 3D and camera movement; basic expressions; and other production techniques. Aesthetic problems include motion, transparency, textures, transitions, camera movement, music, and structure.

**Prerequisite:** Imaging I or equivalent is required. Experience with time-based media is recommended.
W 6:30–9:30 PM; 10 SESSIONS SEPT 23–DEC 2
IRA EDUARDOVNA
PMCG 436 3.0 C.E.U.'S $855

**Explore Video Art**
Explore the legendary and contemporary video artists and the important critical writings that provide a discourse for the medium. Learn basic production techniques including camera movement, storyboarding, and editing, and develop your own project(s). Each class will combine practical production techniques with appreciation, analysis, and critique. By the conclusion of the course, you will have developed a final video art project for critique and have a deep working knowledge of the medium, its borders, and applications.

Video art enthusiasts or videographers seeking to incorporate art elements into their productions will learn animation, humor, mythologies and surrealism, TV, and music in video art; narrative vs. non-narrative; cinematic vs. simply made; video installation; one-shot video; borders of cinema and video art; camera movement; storyboards; video editing; and Adobe After Effects: basic keyframing, animation, green screen, and tracking.

**Prerequisites:** None
W 3–6 PM; 10 SESSIONS SEPT 23–DEC 2
IRA EDUARDOVNA
PMCG 506 3.0 C.E.U.'S $855

**Introduction to Motion Graphics**
How many times have you seen a cool visual technique in a film or video and asked, “How did they do that?” Learn how to create impressive motion graphics using industry-standard software such as Adobe After Effects, while focusing on the concepts of what makes for effective communication and quality design. Explore the inspiration from the rich motion graphics of film and TV through the years, and learn hands-on software techniques. Skills covered include keyframing, track mattes, 3D space, particles, typography techniques, and more. By class conclusion, you will create stunning motion graphics for your film, television, or advertising projects, and have a working understanding of the exciting field of motion design.

**Prerequisites:** None
TU 6:05–9:05 PM; 10 SESSIONS SEPT 29–DEC 1
CHRIS BRUFFEE
PMCG 507 3.0 C.E.U.'S $855

**Motion Graphics for Social Change**
Can a well-designed video change hearts and minds? From sleek motion infographics to viral awareness campaigns, motion graphic designers have a unique opportunity to change the way we see the world. Build upon motion graphic design techniques learned in Intro to Graphic Motion Design by focusing on more substantial projects geared toward spreading information and promoting social change. Expand your portfolio with pieces ranging from graphics-supported live action to motion infographics and beyond. Survey design-based information campaigns from their roots to the trends of today as a jumping-off point for creating new, powerful pieces.
TH 6:30–9:30 PM 10 SESSIONS OCT 1–DEC 10
CHRIS BRUFFEE
PMCG 508 3.0 C.E.U.'S $855

**Motion Graphics Portfolio**
Making a good first impression is vital to your future success. A portfolio is your introduction to potential employers and clients, and a well-crafted, engaging reel is what separates you from the rest of the pack.
A good portion of what makes a quality reel is the work itself, but it’s also the way you package, market, and deliver it that makes you stand out from the crowd. Selecting key moments, knowing your audience, timing the rhythm, choosing and editing audio, presenting your style, and showcasing your skills, are all crucial elements. Learn to craft your personal show reel by surveying a variety of professional portfolios, practicing reel editing techniques, sound design, and workshopping and polishing your portfolio.

**Digital Design Courses**

**A good portion of what makes a quality reel is the work itself, but it’s also the way you package, market, and deliver it that makes you stand out from the crowd. Selecting key moments, knowing your audience, timing the rhythm, choosing and editing audio, presenting your style, and showcasing your skills, are all crucial elements. Learn to craft your personal show reel by surveying a variety of professional portfolios, practicing reel editing techniques, sound design, and workshopping and polishing your portfolio.**

**M 6:30–9:30 PM; 10 SESSIONS SEPT 28–NOV 30**

**CHRIS BRUFFEE**

**PMCG 602 3.0 C.E.U.’S $855**

**DRAFTING AND MODELING ON THE MAC**

Autodesk® Maya® 2016 Fundamentals: 3D Modeling, Animation, and Rendering.

See page 15 for course description.

**ADOBE CREATIVE CLOUD**

These classes focus on the computer as a design and imaging tool for artists and designers going into all areas of digital design.

**Adobe Illustrator: Graphic Illustration I**

Adobe Illustrator is the premier program in the computer graphics industry for vector drawing. Learn how to create smooth-lined, clean, scalable graphics for both print and the Web. Discover the basics of drawing with a strong emphasis on the drawing tools and the new color tools; path-finder; layers; and importing Photoshop or raster files. Type in all variations and functionality. Weekly assignments will be made and conclude with a final portfolio piece.

**Prerequisite:** Computer Competency (Mac/PC).

**Lab Fee:** $25

**SECTION 1 (M):**  
W 11 AM–2 PM; 10 SESSIONS SEPT 30–DEC 2  
**CARLA DOUGLASS**

**SECTION 2 (M):**  
TU 6:30–8:30 PM; 10 SESSIONS SEPT 8–NOV 10  
**JOE MICELI**

**SECTION 3 (M):**  
TU 3–6 PM; 10 SESSIONS SEPT 8–NOV 10  
**JOE MICELI**

**PMCG 202 3.0 C.E.U.’S $855**

**Adobe Illustrator: Graphic Illustration II**

Learn the more complex variations and advanced tools of Adobe Illustrator. Master the advanced tools to illustrate and create vector drawings for different media such as magazines, products, patterns, logos, and websites. Weekly assignments will be given, resulting in a portfolio piece at the course’s conclusion.

**Prerequisite:** Graphic Illustration I, or permission of instructor.

**Lab Fee:** $25

**SECTION 1 (M):**  
M 11 AM–2 PM; 10 SESSIONS SEPT 28–NOV 30  
**CARLA DOUGLASS**

**PMCG 420 3.0 C.E.U.’S $855**

**Adobe InDesign**

Learn how to produce professional-quality, full-color output on high-volume color printing presses with InDesign. Explore the vast capabilities of InDesign as a production tool with unparalleled precision and control, and seamless integration with Adobe’s professional graphics applications, including Adobe Photoshop and Adobe Illustrator. InDesign supports a wide range of output devices and formats such as desktop printers, PDF files, and HTML files. InDesign is Adobe’s alternative to QuarkXPress, with equal control capability in the sleek interface we have come to expect from Adobe’s suite of applications.

**Prerequisite:** Computer Competency (Mac).

**Lab Fee:** $25

**SECTION 1 (M):**  
SA 1–4 PM; 10 SESSIONS SEPT 26–DEC 5  
**MICHAEL NEWCOMB**

**SECTION 2 (M):**  
TH 2–5 PM; 10 SESSIONS SEP 24–DEC 3  
**HARLEY GOODE**

**PMCG 303 3.0 C.E.U.’S $855**

**Photoshop: Imaging I**

Learn the basic tools and techniques of Adobe Photoshop, the premier image-editing program used by professionals for image/photo manipulation, color correction, retouching, compositing, and more. Gain the skills and confidence to work with this versatile program used by graphic designers, illustrators, retouchers, production/prepress, web designers, photographers, and animators. Discover the bridge; workspace and navigation; tools; improved selections; layers; resolution; color modes; content fills, image editing and retouching; painting; masking; intro to paths and shape layers; filters and effects; saving for print and web; and receive an introduction to automated commands.

**Prerequisite:** Computer Competency (Mac/PC).

**Lab Fee:** $25

**SECTION 1 (M):**  
W 6:30–9:30 PM; 10 SESSIONS SEP 23–DEC 2  
**CHRIS KNIGHT**

**SECTION 2 (M):**  
T 3–6 PM; 10 SESSIONS SEPT 1–NOV 3  
**CHERYL STOCKTON**

**PMCG 422 3.0 C.E.U.’S $855**

**Photoshop: Imaging II**

Experienced Photoshop users in all graphic fields discover the advanced and newly created additions to Photoshop. Work with complex selections, learn advanced retouching, montage, and compositing photos to produce a seamless image. Hear about vector shapes and custom Photoshop brushes as well as examine color correction and retouching; utilizing masks; alpha channels; color spaces and modes; RAW file processing; custom brushes; advanced layering techniques; automated batch techniques;
and digital photography. Workflow options include actions, batching, and other automated tasks.

*Prerequisite:* Photoshop: Imaging I.

**Lab Fee:** $25

W 2–5 PM; 10 SESSIONS SEPT 23–DEC 2
CHRIS KNIGHT
PMCG 425 3.0 C.E.U.’S $855

**WEB DESIGN**

**Intro to Web Design**

Pursue the fundamentals of web design. Focus on UX/UI for the Web. Research your target audience and conceive and design your own site. Learn how to set up basic typography using CSS and HTML. Create a responsive design system with wireframes and layouts.

*Prerequisite:* Basic Photoshop required.

**Lab Fee:** $25

W 6:30–9:30 PM; 10 SESSIONS SEPT 9–NOV 11
AMANDA LASSER
PMCG 250 3.0 C.E.U.’S $855

**Coding I: Intro to Web Development**

Knowing what your code does is as important as knowing how to write it. In addition to the fundamentals of HTML and CSS, gain an understanding of what these languages do, and why they are core to web development. Get comfortable using the command line to navigate files and folders and learn the core principles of thinking like a developer: the art of self-teaching and staying up-to-date with modern practices. In addition to HTML and CSS, become familiar with responsive web design, interactivity with JavaScript, WordPress, and the role of backend development.

*Prerequisite:* None.

**Lab Fee:** $25

SA 1–4 PM; 10 SESSIONS OCT 3–DEC 12
TBA
PMCG 316, PMCG 324C 3.0 C.E.U.’S $855
Coding II: Front-End Design and Development
Through the lens of mobile-first and responsive design, you will learn to write semantic HTML5 markup, design in code with CSS3, and create responsive layouts using grids. Delve into the basics of jQuery and how to leverage plugins for more advanced interactions. The class will culminate in a project of your choice that integrates all of these technologies.

Lab Fee: $25
SA 9:30 AM–12:30 PM: 10 SESSIONS OCT 3–DEC 12
TBA
PMCG 324C 3.0 C.E.U.’S $855

Responsive Web Development for Designers
Responsive design is more than just a buzzword. Today’s web designers have to consider the various screen sizes and devices people use to access the web. Learn to think beyond the desktop and design a responsive website that resizes and reformats from mobile to tablet to computer monitor. Utilizing a “mobile first” strategy, begin your design for the mobile view and gradually enhance the layout for larger screens. Explore the basic responsive concepts and strategies such as media queries, breakpoints, fluid grids, flexible images, and scalable typography.

Prerequisites: Photoshop or Illustrator familiarity, Coding I, Internet proficiency. Basic HTML is helpful, but not required.

Lab Fee: $25
TU 6:05–8:05 PM; 15 SESSIONS SEPT 8–DEC 15
STEVEN NEWMAN
PMCG 484 3.0 C.E.U.’S $855

WordPress for Designers
The digital age makes it essential for designers to have a web portfolio and presence as well as a print portfolio. Aware of how laborious and expensive coding a website from scratch or hiring a web designer can often be, this course teaches students how to use WordPress as a platform for creating personalized websites. WordPress is not only simple to set up, but it is also a great content management system used by many of the largest websites and corporations.

Prerequisite: Photoshop or Illustrator familiarity, Coding I.

Lab Fee: $25
TU 8:10–10:10 PM; 15 SESSIONS SEPT 8–DEC 15
STEVEN NEWMAN
PMCG 485 3.0 C.E.U.’S $855

Photoshop Survival Guide for Image Making
Learn the basic tools and techniques in Photoshop for image correction, retouching and compositing. Attain knowledge of the workspace, selections, layers, image adjustments, and masking to make your photography the best it can be. Understand resolution and how to control it. Become versed using keyboard commands to improve your workflow. Have your work critiqued through discussions and postings, and share your ideas in our online community.

Prerequisite: None
ONLINE
4 WEEKS NOV 2–DEC 6 (1 WEEK BREAK AT THANKSGIVING)
CHERYL STOCKTON
XAPO 101 $405
Certificate Program in UX/UI Mobile Design

Enter the fast-growing field of UX/UI design for apps and much more through the certificate in UX/UI Mobile Design. The program will provide you with all of the building blocks to get started as a UX/UI designer. Beginning with a comprehensive introduction to the field, through best practices and methodologies in user research, you’ll finish knowing how to manifest your designs so they are deliverable both to clients and developers.

Application Fee
$100, non-refundable

Certificate Requirements
This certificate program requires the successful completion of 64 hours of study. Priority seating will be given to students who register for PMCG 800, Certificate Course in UX/UI Mobile Design.

One required 64-hour certificate course
or
Minimum of four elective courses.

REQUIRED CORE COURSE (To complete the certificate)
PMCG 800  Certificate Course in UX/UI Mobile Design

or

ELECTIVES (4)
PMCG 801  Introduction to UX/UI Mobile Design
PMCG 802  Visual Artifacts in User Experience
PMCG 803  User Experience Design Research
PMCG 804  User Interface Prototyping in Code

Courses

Certificate Course in UX/UI Mobile Design
The Certificate Course in UX/UI Mobile Design will provide you with the requisite building blocks to enter the emerging and growing market of UX/UI design for apps, and much more. Gain insight into the field through learning the best practices and methodologies in user research. Discover how to manifest designs that are presentable to both clients and developers. This course includes all four elective courses (PMCG 801, 802, 803, 804) and all program fees at a substantially discounted price.

Prerequisites: None
FALL 2015 (SEE ELECTIVES FOR COURSE SCHEDULE)
PMCG 800  6.4 C.E.U.’S $3,500

Introduction to UX/UI Mobile Design
User experience design builds and increases customer satisfaction and loyalty by improving the usability, ease of use, and pleasure provided in the interaction between the customer and the product. Obtain a general overview of User Experience Design (“UX”) and User Interface Design (“UI”), paying special attention to mobile usage contexts and career advancement in the field.

Prerequisites: None
W 6:30–9:30 PM; 2 SESSIONS SEPT 9–16
MIKE KELLY
PMCG 801 6 C.E.U.’S $615
Visual Artifacts in User Experience
Focus on the visual design deliverables that user experience designers create every day. Explore the user experience designer’s process, during which you develop visual manifestations of your design ideas, making them ready for presentation to your team members and clients. Topics include sketching for user experience, journey maps, flow diagrams, architecture diagrams, motion prototypes, and wireframes.

Prerequisite: Introduction to UX/UI Mobile Design.
SA 9:30 AM–12:30 PM; 8 SESSIONS OCT 10–DEC 5
MICHAEL NEWCOMB
PMCG 802 1.5 C.E.U.’S $1325
REGISTRATION BY PERMISSION ONLY, CONTACT CFERRARA@PRATT.EDU

User Experience Design Research
When building compelling products and experiences, it is essential to understand the user’s needs. The user experience design discipline has created and repurposed methodologies that help designers incorporate research to create meaningful experiences. The result is your designs tell compelling stories that connect with people. Learn to apply user research methodologies for digital projects and their evolving stages. From a human-centered approach to a more quantitative one, discover the most commonly used methodologies across platforms (mobile, tablet, desktop). Also, explore how to modify and combine techniques for more appropriate results toward your final assignment.

Prerequisite: Introduction to UX/UI Mobile Design.
SA 1–3 PM: 5 SESSIONS SEPT 12–OCT 10
SANDRA DAVILA
PMCG 803 2.4 C.E.U.’S $760
REGISTRATION BY PERMISSION ONLY, CONTACT CFERRARA@PRATT.EDU

User Interface Prototyping in Code
Do designers really need to know how to code? The answer is yes. Learn to create web-based, mobile-ready prototypes in HTML and CSS. Master the overarching structure of web applications and interfaces, and develop the vocabulary needed to effectively communicate your designs to developers. Create a prototype of your design that you can test and further improve upon following the course.

Prerequisites: None
WED 6:30–9:30 PM; 8 SESSIONS OCT 7–DEC 2
LARA SCHENCK
PMCG 804 2.4 C.E.U.’S $1325
REGISTRATION BY PERMISSION ONLY, CONTACT CFERRARA@PRATT.EDU
Certificate Program in Geographic Information Systems (GIS) and Design

Mapping is transforming how we communicate and interpret data. Creative professionals, designers, developers, programmers, architects, and planners are increasingly using maps to engage diverse communities and build innovative solutions to real-world problems.

Pratt’s Spatial Analysis and Visualization Initiative (SAVI) offers a Certificate Program in Geographic Information Systems (GIS) and Design that enables students the tools to make compelling, data-driven maps and visualizations. SAVI is a premier university GIS lab that not only offers professional training, workshops, and research support to students and faculty, but also to community-based organizations and civic groups. Through courses in our program, students learn to explore and analyze spatial data, develop technical mapping skills, and apply visual design principles to their products. SAVI maintains a large library of spatial data, and Certificate Program courses also teach students how to acquire data through the web for use in various research projects. Proper assessment of spatial data quality is a core component of the program, and using software including Esri’s ArcGIS and QGIS, students learn many of the powerful tools available for transforming spreadsheets into color-coded maps and creative infographics.

Increasingly, there are many tools for sharing GIS products on the web and through mobile applications. Certificate Program courses examine the principles of design for the web, interactive design, and the technical underpinnings of online mapping using CartoDB and Mapbox, among others. Using programming languages including JavaScript (including D3) and Python, students learn to build dynamic web-based maps, mobile apps, and methods for incorporating graphic data into websites and blogs.

Course projects give students the opportunity to bring their diverse backgrounds to bear on research and problem solving. Students in the program can also take advantage of Pratt Institute’s rich history of community engagement by working with SAVI’s community clients on practicum projects. Upon completion of the GIS and Design Certificate Program, students emerge with a curated online portfolio that can be shown to current and potential employers.

Certificate students must discuss their planned electives with the program director and receive approval for the proposed course of study.

For more information: contact Jessie Braden at savi@pratt.edu.

Courses may be taken individually or as part of the Certificate Program.
Certificate Program Processing Fee
$100, non-refundable

Certificate Requirements
The certificate program requires the successful completion of 225 hours of study. This includes 120 hours of required study, 105 hours of study in elective courses, and the creation of an online portfolio.

REQUIRED CORE COURSES (3 courses equaling 120 hours of study)
XSAVI 700 Foundations: Spatial Thinking, Data, and Design
XSAVI 701 Introduction to GIS Software (choose ArcGIS or QGIS focus)
XSAVI 805 Advanced GIS

ELECTIVES (A combination equaling 105 hours of study)
XSAVI 710 Acquiring Free and Open Data (workshop)
XSAVI 711 Introduction to Mobile Data Applications for GIS (workshop)
XSAVI 712 Citizen-Science Data Collection and Analysis (workshop)
XSAVI 713 GIS for Architects: Integrating 3D (workshop)
XSAVI 715 GeoHumanities (workshop)
XSAVI 716 WordPress for GIS Portfolios (workshop)
XSAVI 750 Mining the Web: How to Scrape, Analyze, and Map Open Data
XSAVI 751 Data-Driven Decision-Making: Demographic Analysis
XSAVI 752 GIS and Mapping Concepts for Coders
XSAVI 753 Data Journalism, Data Science, and Mapping
XSAVI 754 Mapping Climate Change, Natural Disasters, and Environmental Data
XSAVI 780 Introduction to Interactive Web Mapping, Programming, and Design
XSAVI 800 Advanced Interactive Web Mapping, Programming, and Design
XSAVI 810 Programming for ArcGIS: Python
XSAVI 811 GIS and Mobile Data Applications
XSAVI 815 Advanced Cartographic Design and Visualization for GIS
XSAVI 850 Practicum
XSAVI 854 Advanced Spatial Statistics

Courses

AIA Foundations: Spatial Thinking, Data and Design
Learn to tell stories with maps and data. There’s more than meets the eye when it comes to creating accurate, compelling visualizations based on GIS analysis. This course introduces the critical fundamentals of spatial theory/spatial relationships, cartography, design, and data visualization. You will acquire the skills to properly assess and analyze spatial data and maximize the message of your map output. The course is for beginners and experienced GIS users, as it covers important aspects of design which are often overlooked in traditional GIS courses.
Prerequisite: None
T, TH 6 – 9 PM; 10 SESSIONS SEPT 1 – OCT 1
JEFF FERZO CO, ALIHAN POLAT; 30 AIA/HSW LUS, 30 PDHS; XSAVI 700 3.0 C.E.U.'S $689

Introduction to GIS Software: ArcGIS
Get down to business in GIS by learning how to use the best available analytical software. As you brush up on the basics of spatial theory, projections, and cartography, the course will guide you through the most commonly used software toolsets and geoprocessing techniques in Esri’s ArcGIS, a free and open source program. Through practical examples, you’ll learn how to create data from scratch, geocode tabular data, and work with open data and census information—all with the goal of understanding spatial patterns related to environmental or urban issues. You’ll also learn how to choose the best data sources and create professional-quality map output.
Prerequisite: None
Please Note: This course will be offered in QGIS in Spring 2016.
T, TH 6 – 9 PM; 15 SESSIONS OCT 13 – DEC 3
MIKE ERNST; XSAVI 701 4.5 C.E.U.’S $994

AIA Mining the Web: How to Scrape, Analyze, and Map Open Data
Data is all around us. There are now seemingly unlimited datasets on the Web, but they aren’t always easy to obtain; and social media is generating new kinds of data that can be analyzed spatially. You, too, can conquer the World “Wild” Web and create sophisticated maps and visualizations. Through a course project, you will mine open data from a variety of platforms and experiment with different mapping/visualization techniques while also learning how to critically assess the utility and accuracy of data. You will work with QGIS, CartoDB, OpenRefine, Google Fusion Tables, and APIs. Additionally, you will be introduced to the Python programming language.
Prerequisite: Some experience using open data is helpful.
SA 10 AM – 6 PM; 4 SESSIONS SEPT 12 – OCT 3
RICHARD DUNKS
30 AIA LU’S, 30 PDH’S
XSAVI 750 3.0 C.E.U.’S $689

Mapping Climate Change, Natural Disasters, and Environmental Data
Hurricane Sandy changed the way New York thinks about its hazard vulnerability. This class will focus on using GIS analysis to understand our current and future risks in the face of climate change. Students will use deskto...
Introduction to Interactive Web Mapping, Programming, and Design
Another day, another beautiful web map in your blog feed. Want to know the secrets behind all those amazing maps? This course will introduce you to the skills needed to build dynamic web-based maps and data visualizations. You will learn the principles of GIS, design for the Web, interactive design, and user experience. By course completion, you will be able to work with a programming language such as JavaScript (D3) and online mapping platforms in order to create professional-looking interactive maps and map-based charts and graphics. You’ll also learn to use tools and software like Git, Sublime Text 3, Leaflet, CSS, and web-mapping tools (CartoDB and MapBox).

Prerequisite: Some programming experience is helpful but not required.

M, W 6–9 PM; 15 SESSIONS OCT 26–DEC 16
JD GODCHAUX, LELA PRASHAD
XSAVI 780 4.5 C.E.U.’S $994

Advanced GIS
Now that you have a firm grasp on the basics, Advanced GIS will present you with more sophisticated and powerful spatial analysis tools. This course focuses on expansive analytical projects using vector and raster data in GIS modeling, network analysis, density analysis, and 3D environments. Additionally, students will learn exploratory data analysis and be introduced to spatial statistics. Tools include GeoDa and ArcGIS extensions such as Network, Spatial, 3D, and Geostatistical Analyst.

Prerequisite: XSAVI 700 and XSAVI 701 or comparable experience level.

M, W 6–9 PM; 15 SESSIONS OCT 12–DEC 2
ALIHAN POLAT
XSAVI 805 4.5 C.E.U.’S $994

Practicum
Apply your new GIS and design expertise in a professional setting while developing new skills and building your network through on-site participation. Or, perform a larger individual research project under the guidance of a Pratt Spatial Analysis and Visualization Initiative (SAVI) staff member. This is a chance for a deep dive into a topic, project, or community-based organization and provides an opportunity for a meaningful contribution to your certificate program final portfolio. For more information, please contact Jessie Braden at savi@pratt.edu.

Prerequisite: At least three GIS and Design certificate program courses should be completed prior to your practicum.

XSAVI 850 3.0 C.E.U.’S $689

WORKSHOPS

AIA Acquiring Free and Open Data
The open data movement has liberated thousands of datasets. You, too, can access information once only available to government agencies. This six-hour workshop provides an intensive overview of where to find the best data, what questions to ask when acquiring data, and how to think critically about data quality and accuracy. By the end of the workshop, you will have a firm grounding in how to apply these techniques in visual analysis outputs and web maps.

Prerequisite: None

SECTION 1: 10 AM–4 PM; 1 SESSION SEPT 5
NOEL HIDALGO, NATHAN STOREY
6 AIA LU’S, 6 PDH’S
XSAVI 710 .6 C.E.U.’S $159

Introduction to Mobile Data Applications for GIS
The prospect of creating a mobile data application for your organization can be overwhelming. Dip your toes in the water using existing apps in this two-day workshop. You will be introduced to the common steps of a mobile GIS project from data collection and analysis to visualization. Using data collected from Pratt Institute’s own sculpture-filled campus, movement and artwork will be catalogued and visualized in a mobile interactive map. A review of mobile GIS technology, data collection techniques, indoor localization, future of mobile geographic technology and digital storytelling will be discussed. Tools will include QGIS, CartoDB, Moves App and GISCloud App.

Prerequisite: None

SA 10 AM–4 PM; 2 SESSIONS OCT 10–17
JONATHAN LEVY
XSAVI 711 1.2 C.E.U.’S $309

WordPress for GIS Portfolios
In today’s job market it is essential to have an online showcase of your work. This short course focuses on creating a professional portfolio of your GIS output using WordPress, a template-based platform. You will learn how to use plugins to customize your site, allowing you to communicate your mapping expertise to potential employers and collaborators.

Prerequisite: None

SA 10 AM–4 PM; 2 SESSIONS DEC 5–12
TBA
XSAVI 716 1.2 C.E.U.’S $309
Pratt’s Certificate Program in Photography and Digital Imaging combines modern and traditional photography practice with a curriculum that fosters individual style and vision. Students learn how to develop black and white photographs in the spacious Pratt Manhattan dark room while learning advanced digital post-processing techniques in small hands-on classes. A wide selection of electives allows students to develop genre-specific skills for commercial and art applications. Portfolio development and internship opportunities provide a springboard into professional practice. Through the SCPS Gallery, Photography and Digital Imaging Certificate students annually exhibit their work to the public and Pratt community at large.

Application Fee
$100, non-refundable

Certificate Requirements
To receive Pratt’s Certificate in Photography and Digital Imaging, students must complete foundation courses, required core classes, and at least one elective. A foundation or required core course(s) may be waived for a more advanced course with approval.

Photography and Digital Imaging
REQUIRED FOUNDATION COURSES (3)
- PMCG 422 Photoshop: Imaging I
- PMCG 472 The Grammar of Photography
- PMCG 500 Digital Photography I

REQUIRED CORE COURSES (2)
- PMPH 485 Photographic Lighting I
- PMPH 525 Developing Your Personal Vision

ELECTIVES (choose at least 1)
- PMCG 425 Photoshop: Imaging II
- PMPH 481A Black and White Art Photography
- PMPH 518 Intro to Fashion Photography

Courses

MEDIA ARTS, PHOTOGRAPHY, AND DIGITAL ART

The Grammar of Photography
Photographs tell stories. As writers use cadence, sentence structure, or the sounds of words to help advance the story, photographers use light, shape, and color. In order for photographers to communicate effectively, they must go beyond employing general visual principles. Study an analysis of those problems and their potential solutions. Investigate how photographers say what they say based primarily on ideas suggested in two seminal writings on photography, John Szarkowski’s The Photographer’s Eye and Stephen Shore’s The Nature of Photographs. Students are required to purchase both books.

Through regular shooting assignments dealing with the principles of photographic vision and composition, students will learn how to formulate, strengthen, and translate an idea into the visual form of a photograph.

W 6:05–9:05 PM; 10 SESSIONS SEPT 30–DEC 2
CHRISTOPHER Giglio
PMH 472 3.0 C.E.U.’S $605

Digital Photography I
Discover the world of digital photography, camera systems and controls, and photography techniques. Learn how your camera functions and collects information, as well as how you see and understand the photo-making process to create the images you want. Explore photographic techniques, including content, composition,
selecting focal length, focus, and light. Also, examine exposure controls, file formats and resolution, cataloging files, basic image editing and camera raw image files, and new photographers and trends. Understand image aesthetics, composition, color correction, image and color management, storage archiving, and image output.

Prerequisite: Computer Competency (Mac/PC).

Please Note: Digital SLR cameras or those capable of processing raw formats are recommended. Class is taught in a Mac lab. Lab Fee: $25

SECTION 1 (M):
TH 2–5 PM; 10 SESSIONS SEPT 24–DEC 3
LAURA DODSON
PMCG 500 3.0 C.E.U.’S $855

Developing Your Personal Vision
What is style in photography? Photographs by Lee Friedlander, Richard Avedon, or Nan Goldin are instantly recognizable as such because we see not only the subject depicted in the photograph, we also perceive the photographer’s way of seeing the subject. As photographers, we want to create images that bear the imprint of our thoughts, values, and experiences. The decisions we make—where to stand, when to press the shutter, and how to arrange the subject within the frame—provide an entry point revealing the photographer as subject.

Prerequisite: The Grammar of Photography.
TH 6:05–9:05 PM; 10 SESSIONS OCT 1–DEC 10
CHRISTOPHER GIGLIO
PMPH 525 3.0 C.E.U.’S $605

Photographic Lighting I
Master the fundamentals of working with a variety of lighting systems and techniques. Learn the theory and application of lighting in the studio and on location. Focus on the photographic works and lighting of master photographers to give you a background in visualizing light and lighting methodology. Work with a variety of lighting systems, including existing light that is enhanced by fill cards, reflectors, and flash, tungsten and studio strobes with umbrellas, and soft boxes. Set ups will include art and commercial applications of portraiture, still life and food, editorial, magazine, and beauty photography.

Explore historical perspectives, capturing truthful moments and new perspectives, and organize a portrait session, including scheduling and setup, managing client expectations, lighting, backgrounds, clothes, props, and makeup.

Prerequisite: Intro to Photography. Digital Photography, or portfolio review.
TH 6:30–9:30 PM; 10 SESSIONS OCT 8–DEC 17
HOLGER KEIFEL
PMPH 485 3.0 C.E.U.’S $605

Darkroom: Black and White Photography
Explore the fundamentals of black and white photography and gain control of the use of the camera, the processing of film, and the printing process through lectures, demonstrations, darkroom work, and individual or small group critiques. Study basic technical skills needed for 35mm camera operation, exposing and developing film, making contact sheets, and enlarging and finishing of black and white photographs.

TU 6–9 PM; 10 SESSIONS SEPT 15–NOV 17
FEDERICO SAVINI
PMPH 481A 3.0 C.E.U.’S $605

Intro to Fashion Photography
Explore the art and production of the fashion shoot, which covers editorial, advertising, and beauty tasks in a hands-on format. Develop lighting techniques for strobe and natural light. Learn how to produce your own photo shoots, scout locations, and work with models and makeup artists. Study the relationship between photographer, model, art director, and client.

Prerequisite: Digital Photography I.

Please Note: Students must work with a digital SLR camera. Please bring samples of your work to the first class.
TU 6:05–9:05 PM; 10 SESSIONS SEPT 29–DEC 1
DAPHNE BOROWSKI
PMPH 518 3.0 C.E.U.’S $605

Photography Portfolio
Your portfolio is your calling card. Your portfolio brands you as a photographer and creates a desire in the viewer to see more. However, it can often be a struggle to identify the strongest images from a shoot, much less arrange those images in a coherent group that reflects your style, capabilities, and interests. Learn how to effectively select and sequence images and group those images into a clear and eloquent whole.

M 6:05–9:05 PM; 10 SESSIONS SEPT 28–NOV 30
CHRISTOPHER GIGLIO
PMPH 701 3.0 C.E.U.’S $605

Related course: Online and Social Media Marketing. See page 29.
Fashion enthusiasts and professionals will thrive in the Fashion New Media Certificate Program, which combines photography, graphic design, web design, and social media marketing with a communication design curriculum focused on fashion brand creation. The fashion industry has embraced new media, and blogs and social media now play a critical role in fashion marketing. Top fashion bloggers sit front row among the media’s elite at runway shows, and potential revenue for a fashion blog has hit seven figures.

Examine the Fashion New Media landscape, develop a vision, and create deliverables for target audiences. Here are some of the skills you will learn on the way: fashion photography (shoot and retouch photographs using advanced lighting techniques and beauty retouching techniques in Photoshop); web design (build gorgeous blogs and websites that scale across platforms including mobile, using quick tools, or build websites from the ground up); graphic design (create sizzling graphics for fashion brands and marketing campaigns); and online and social media marketing (drive traffic and monetize your site).

With a course trajectory rooted in portfolio development, you will finish with a market-ready, professional design portfolio that exemplifies your unique voice. In addition, you can grow your network and gain real-world experience through internships while completing your education. Never before has there been such a comprehensive program to prepare you for success in the new media world of fashion!

International students who meet the I-20 requirements for an F1 visa are eligible, and may apply for OPT post-completion and CPT through an internship while enrolled.

Contact
For more information, contact Chris Ferrara at cferrara@pratt.edu.

Application Fee
$100, non-refundable

Certificate Requirements*
This certificate program requires the successful completion of the following: four foundation courses, four core courses, four advanced courses, 2.0 average GPA, 80% attendance.

FOUNDATION COURSES (2)
PMFD 100 Survey of Western Dress
Certificate Program in Fashion New Media

FOUNDATION COURSES (choose at least 2)
- PMCG 422 Photoshop: Imaging I
- PMCG 500 Digital Photography I
- PMCG 475 Introduction to Graphic Design
- PMCG 250 Intro to Web Design
- PMCG 202 Graphic Illustration I
- PMCG 303 Adobe InDesign
- PMCG 316 Coding I: Intro to HTML and CSS

CORE COURSES (choose at least 2)
- PMFD 201 FNM: Brand and Digital Strategy
- PMCG 420 Graphic Illustrator II
- PMGD 466 Basic Typography
- PMCG 425 Photoshop: Imaging II
- PMPH 518 Intro to Fashion Photography
- PMSM 800 Online and Social Media Marketing

ELECTIVE COURSES (1)
- PMFD 301A Digital Design Portfolio
- PMFD 300 FNM: Brand and Digital Strategy
- PMGD 477 The Typographic Logo: Branding, Design, and Artwork
- PMCG 485 WordPress for Designers
- PMFD 380 Certificate Program Internship
- PMPH 485 Photographic Lighting I
- PMCG 587 Intro to Motion Graphics
- PMCD 301 Licensing Essentials for Artists and Designers

*Additional elective classes may be selected from Photography and Digital Design offerings.

Courses

FNM: Brand and Digital Strategy [NEW]
Today’s digital landscape goes beyond text and image. In an interactive, social, multi-device, multi-platform world, potential abounds; a blog may be ideal or an interactive element may inspire an audience to visit your site again and again. Your message may be best served by a social media campaign. Examine fashion brand creative strategies in the digital landscape as well as fashion new media through a communication design lens.

Prerequisite: InDesign.
Lab Fee: $25
TH 6:05–9:05 PM; 10 SESSIONS SEPT 23–DEC 2
KEITH VENKITESWARAN
PMFD 201 3.0 C.E.U.’S $855

FNM: Introduction to Communications Strategies
Take an introduction to marketing, advertising, and communications strategy for new media where traditional media (TV, print) and social media (social networks, user-generated content, blogs, forums, etc.) co-exist.

Discover a practical framework for solving some of the communications challenges faced by fashion, lifestyle, and consumer brands.

W 2–5 PM; 10 SESSIONS SEPT 23–DEC 2
ANGEL GIBSON
PMFD 102 3.0 C.E.U.’S $855

Survey of Western Dress
Examine the history of apparel and accessories design, business of fashion, fashion and technology, and fashion designers. Explore the relationship between the evolution of design and technological advancements (including mass media), the accomplishments of notable designers, and the changing structure of the business of fashion. Course content surveys trends from the beginning of the fashion cycle to the present with an emphasis on 20th- and 21st-century design.

F 12–3 PM; 10 SESSIONS SEPT 25–DEC 4
JENNIFER MOORE
PMFD 100 3.0 C.E.U.’S $685

Intro to Fashion Photography
Explore the art and production of the fashion shoot. This hands-on studio course covers editorial, advertising, and beauty. Develop lighting techniques for strobe and natural light. Learn how to produce your own photo shoots, scout locations, and work with models and makeup artists. Study the relationship between photographer, model, art director, and client.

Prerequisites: Digital Photography I and Photoshop: Imaging I, or Photoshop for Photographers.

Please Note: Students must work with a digital SLR camera. Please bring samples of your work to the first session.

TU 6:05–9:05 PM; 10 SESSIONS SEPT 29–DEC 4
DAPHNE BOROWSKI
PMPH 518 3.0 C.E.U.’S $605

Digital Design Portfolio
Branding is critical to your success as a designer, regardless of your specialty. Build your brand with an emphasis on marketing, hiring, interviewing, and networking. In this course, you will create and refine your brand and digital portfolio taking into consideration the relationship of you the designer, to your work, and ultimately your client(s).

Prerequisite: To be taken final semester of the program.
Lab Fee: $25
SA 1–4 PM 10 SESSIONS SEPT 26–DEC 1
ALY ENGLISH
PMFD 301A 3.0 C.E.U.’S $855

Online and Social Media Marketing
Marketers, brand managers, product developers, artists, or entrepreneurs looking to maximize the use of social and online media outlets to sell products and reach new audiences, should enroll in this course. Explore social and online media from both theoretical and practical standpoints, and from basic introductions to advanced insights.

SA 9 AM–5 PM; 4 SESSIONS OCT 3–OCT 24
JASON MILETSKY
PMSM 800 3.0 C.E.U.’S $1060
Certificate Program Internship
Are you looking to apply your education, abilities, and theories in a professional setting while developing new skills through participation on-site? Internships within the occupation of your interest can foster invaluable opportunities to apply the knowledge you learned through coursework while gaining real-life experiences that help build resumes and professional networks. Plan, communicate, develop goals, reflect, and evaluate the entire experience. The goal of this internship is not to advance operations of the internship site/employer or complete work that an employee would perform.

Please Note: You must be enrolled in a qualifying certificate program to apply.

PMFD 302 3.0 C.E.U.’S $760
Marketing is the core of commerce—it is the art and science of bringing products to market and introducing them to consumers. The evolution of marketing creative strategies and outlets is rapidly changing due to social media and other online outreach opportunities. Marketers, brand managers, product developers, artists, and entrepreneurs who want to thoroughly understand how to use social media outlets and other online media to sell products and reach new audiences should take this course. Explore social and online media from both theoretical and practical standpoints, and from basic introductions to advanced insights.

**Certificate Program in Online and Social Media Marketing**

Marketing is the core of commerce—it is the art and science of bringing products to market and introducing them to consumers. The evolution of marketing creative strategies and outlets is rapidly changing due to social media and other online outreach opportunities. Marketers, brand managers, product developers, artists, and entrepreneurs who want to thoroughly understand how to use social media outlets and other online media to sell products and reach new audiences should take this course. Explore social and online media from both theoretical and practical standpoints, and from basic introductions to advanced insights.

**Application Fee**

$100, non-refundable

**Certificate Requirements**

This certificate program requires the successful completion of 30 hours total:

- One required 30-hour core course
- or
- Minimum of four 7.5-hour elective courses.

**REQUIRED CORE COURSE (1 to complete certificate)**

PMSM 800 Certificate Course in Online and Social Media Marketing

**ELECTIVES (4 to complete certificate)**

PMSM 201 Get in the Biz: Introduction to the Landscape of Social Media Marketing

PMSM 202 Online Marketing I: Driving Non-Social Traffic

PMSM 203 Marketing II: Social Media and Viral Campaign Marketing

PMSM 204 Marketing III: Measurement and Review

**Courses**

**Certificate Course in Online and Social Media Marketing**

Marketers, brand managers, product developers, artists, and entrepreneurs will more fully understand how to use social media outlets and other online media to sell products and reach new audiences. We will explore social and online media from both theoretical and practical standpoints, from basic introductions to advanced insights.

*Please Note: Register for certificate course and receive a 23% discount over registering for classes individually. Certificate course includes all program classes: PMSM 201, PMSM 202, PMSM 203, and PMSM 204.*

**SECTION 1:**

SA 9 AM–5 PM; 4 SESSIONS OCT 3–OCT 24

JASON MILETSKY

PMSM 800 3.0 C.E.U.’S $1060

**Get in the Biz: Introduction to the Landscape of Social Media Marketing**

Marketers are faced with multiple options for outreach, ranging from online advertising and public relations to blogger outreach and social networks. You will receive a complete overview and understanding of the social media landscape: what it is, how it works, where it came from, and the reasons behind its rapid growth. Examine methods for developing successful online brand-building and marketing strategies. Focus on the opportunities for generating online revenue to enhance an existing busi-
ness or launch a new one, and examine options including ecommerce, selling advertising, affiliate programs, content syndication, and more. Learn how these methods are set up, potential pitfalls, price points, and marketing.
SA 9 AM–5 PM; 1 SESSION OCT 3
JASON MILETSKY
PMSM 201 7.5 C.E.U.’S $305

Online Marketing I: Driving Non-Social Traffic
Online success relies heavily on a brand’s ability to drive traffic to its site. Focus on how to drive traffic through search engine optimization to gain an organic audience. Review online advertising opportunities, including cost per click, cost per thousand, and others. Examine various providers, and gain an understanding of how search engines, social media networks, media sites, and ad networks differ in terms of structure, and the roles each plays in the development of online advertising. Additionally, explore other means of creative advertising and driving traffic.

Examine search engine optimization (SEO); understanding online advertising (paid traffic); using Google AdWords to place ads; using Yahoo! and Bing to place ads; other methods of placing online ads; and case studies: some of the best ads on the Web.
SA 9 AM–5 PM; 1 SESSION OCT 10
JASON MILETSKY
PMSM 202 7.5 C.E.U.’S $305

Marketing II: Social Media and Viral Campaign Marketing
Explore how to use social media networks for business and marketing purposes, focusing on four of the most important networks: Facebook, Twitter, YouTube, and LinkedIn. Learn how each of these networks functions as a marketing tool and how to set up profiles and pages, attract consumers, and use each to improve marketing and brand exposure. Develop and execute online campaigns, and examine case studies of some of the best online and social media campaigns.

Content development strategies will be dissected, including the different types of content that need to be created such as news items, articles, blogs, status updates, how to develop a reliable calendar for content, and where to draw inspiration for keeping content fresh and interesting. Study how content can be created and developed, including writing, video, audio, and photographic, which is the most effective, as well as how to blend content development strategies with ongoing campaigns.
SA 9 AM–5 PM; 1 SESSION OCT 17
JASON MILETSKY
PMSM 203 7.5 C.E.U.’S $305

Marketing III: Measurement and Review
The key to successful marketing is understanding consumer behavior. Multiple online markets can provide you with vital information on what your consumers do online, how they react to content, what they discuss, and what their interests are. Discover how to collect data from sources, including website analytics, email blasts, abandoned e-commerce carts, and more. Learn how to parse the information, draw useful conclu-
Pratt Institute’s Center for Continuing and Professional Studies proudly collaborates with Cinquième Sens to be the exclusive NYC provider of the Certificate Program in Advanced Perfumery.

Since 1976, Cinquième Sens has been a global leader in the creation and culture of perfumery operating in Paris, Dubai, Shanghai, and Brazil. Cinquième Sens, an acclaimed perfumery school from France, has been active in the creation of perfumes and the transmission of a vital perfume culture.

Why Choose Pratt Institute?

- We offer superior professional perfumery education with an outstanding faculty and exceptional facilities.
- The certificate provides well-rounded exposure to the secretive industry of perfume. Students will learn the language that defines a perfumer’s palette while discovering a sense of smell through the different facets used in creations. The knowledge shared by the instructor, an industry veteran, provides insight usually only obtained by working in the industry.
- The certificate provides students with the proper skills and knowledge for professional success in the growing perfumery industry.

Certificate of Advanced Perfumery Open House Event

Join us for a free event and meet the instructor and other professionals in the NYC perfumery industry. This is your opportunity to learn more about the program and network with local leaders in the fragrance world.

DECEMBER 2015
6-8 PM
PRATT INSTITUTE
144 WEST 14TH STREET, RM 213, NEW YORK, NY 10011
Please visit our website for date confirmation at www.pratt.edu/scps-cf15

Application Fee

$100, non-refundable

Certificate Requirements

The certificate requires successful completion of 36 hours of classroom time. Each required course is 18 hours. Fragrance enthusiasts and industry professionals will receive a certificate upon completion of each of the following courses:

PMPF 310 The Technique and Language of Perfumery
PMPF 311 Advanced Perfumery

These courses cover a vast amount of significant educational information, including fragrance history, the physiological aspects of how we smell, the role of the fragrance house in relation to the finished goods supplier, clarifying the roles of IFRA, the various formats for extracting naturals, and defining naturals, synthetics, and reconstitutions.

Discount in BF

Enroll and complete both courses for a 10% discount and receive an Advanced Certificate in Perfumery.

Course Materials

Olfactoriums used in class can be purchased
by the student on the first day of class. We suggest placing your order prior to the first day. Cost per olfactorium: $300.

*Olfactoriums will also be provided to share in class. For more information, call 855.551.7727.

About the Instructor: Raymond Matts has lived a life in fragrance with experience in all aspects of the global fragrance business. He has 29 years of experience as a fragrance designer specializing in the design and development of fragrances for fine fragrances and household and personal care products. Matts has designed products for the following companies: Clinique, Aramis, Prescriptives, Origins, Elizabeth Arden, Abercrombie & Fitch, Ruehl, Izod, and Brioni. Prior to specializing in fine fragrances, he collaborated with some of the top perfumers and fragrance houses around the world on products such as air fresheners, fabric softeners, laundry detergent, shampoo, liquid soaps, and deodorants.

Courses

The Technique and Language of Perfumery by Cinquième Sens
Experience a voyage into the world of perfumes, test your sense of smell, and review the whole fragrance process from concept to market product. Smell the key raw materials, understand the fragrance structure, and memorize the various olfactive families. Explore the sense of smell: physiology of olfaction; olfaction and emotions; the world of perfumery from the perfumer’s formula to manufacturing and distribution; the perfumer’s palette: natural raw materials, molecules, specialties, and reconstitutions; the fragrance composition: profile, structure, perfume families, technical and regulatory aspects; the language of perfumery: analytical and emotional; and the key role of words and spoken expression. This course is intended for marketing professionals in perfumery brands, fragrance houses, or perfumery distribution, and fragrance enthusiasts.
Course Materials: One olfactorium (cost $300) may be purchased for the first day of class or will be provided to share in class.

SECTION 1:
M, W 2–5 PM; 6 SESSIONS AUG 26–SEPT 21

SECTION 2:
SU 9:30 AM–12:30 PM; 6 SESSIONS AUG 30–OCT 11
RAYMOND MATTS (ALL SECTIONS)
PMPF 310 1.8 C.E.U.'S $960

Advanced Perfumery
Advance your skill level in this course, which is a continuation of The Technique and Language of Perfumery course, PMPF 310. Improve your olfactive skills, master fragrance classification, memorize key raw materials and their illustration in market products, and develop your perfumery culture. You will review olfactive families of citrus, aromatic, new freshness, marine; floral, aldehydic, green, fruity; woody, spicy, powdery, gourmand, musk; and chypre, oriental, leathery, ambery, and fougerie. You will also study the key raw materials in each olfactive family (naturals, synthesis ingredients, and specialties), key fragrances, and latest launches in each olfactive family (women's and men's fragrances).

Course Materials: Four olfactoriums ($300 each) may be purchased for the first day of class or will be provided to share in class.

SECTION 1:
M, W 2–5 PM; 6 SESSIONS OCT 5–OCT 26

SECTION 2:
SU 1:30–4:30 PM; 6 SESSIONS OCT 18–DEC 6
RAYMOND MATTS (ALL SECTIONS)
PMPF 311 1.8 C.E.U.'S $1110
Do you dream of turning your idea into a business? This certificate program is specifically for designers who want to become design entrepreneurs. Build your business acumen and set the stage to grow a viable business that is driven by design. Sustainable best practices are integrated throughout the program, ensuring that you learn how to make decisions that consider the environmental and social impacts along with economic success. This flexible program is created to work around a busy schedule and can be completed in three to four weeks.

Why Choose Pratt Institute?
- Since 2002, the Pratt Design Incubator has been helping designers turn their ideas into successful businesses. This program puts you in a creative community that will motivate and inspire you to reach your goals.
- Designed for the creative professional, this course incorporates case studies and assignments that are specifically relevant for fashion designers, industrial designers, interior designers, architects, communication designers, digital media designers, social innovators, and service designers.
- This program integrates sustainability throughout, building on Pratt’s leadership in educating artists and designers to be responsible contributors to society.
- As a Pratt student, you will gain access to Pratt’s extensive services and activities, including housing, athletic facilities, and activities. Housing packages are available through Residential Life on a weekly basis.
- Housing is available on Pratt’s Brooklyn Campus for our month-long summer program. Contact Christopher Kasik for more information: ckasik@pratt.edu.
- All classes will be held at Pratt Brooklyn Fashion + Design Accelerator, 630 Flushing Avenue, Suite 704
  Brooklyn, NY 11206

Please Note: Please visit the website for updated schedule information at http://csds.pratt.edu/cde-program.

Fees
- Tuition: $3640
- Certificate Application Fee: $100 (non-refundable)
- Total Tuition including Fee: $3740
- Housing: Not included

Registration
- Online registration begins July 28

Certificate Requirements
- The certificate program requires the successful completion of eight courses as follows:
  - 5 business core courses
  - 1 required design intensive course
  - 2 electives
REQUIRED BUSINESS CORE COURSES (5)
XCDE 605  Business and Design
XCDE 608  The Impact of Design on the Environment and Society
XCDE 650  Staying Out of Trouble
XCDE 651  Financial Planning for Artists and Designers
XCDE 670  Engaging Your Market—Branding and Social Media

REQUIRED DESIGN INTENSIVE COURSE (1)
XCDE 610-01 Start Up Your Design Consultancy

ELECTIVES (choose 2)
XCDE 600  Design Your Life Like an Entrepreneur
XCDE 609  Tools and Strategies for Sustainable Design
XCDE 660  How to Present Your Ideas
XCDE 665  Pricing Your Product and Services
XCDE 675  The Power of Negotiation

Courses

**Design Your Life Like an Entrepreneur**
You don’t have to own a business to live an independent life. Design the life you want to lead by applying the basic principles of entrepreneurship. As a creative professional, you are in a unique position to take advantage of the market to define your own career path. Learn about how to identify opportunities, risk assessment, long- and short-term goal setting, contract negotiations, financial planning, and dynamic proposals.

TH 6–9 PM; 2 SESSIONS OCT 1–8
TIFFANY BURNETTE
XCDE 600 .6 C.E.U.’S $305

**Business and Design**
Understanding the business world has never been more critical for the creative professional. Explore the basics that will help you to understand how businesses operate; make decisions; develop markets; build profits; forecast trends; and examine how business trends impact the design entrepreneur.

TH 6–9 PM; 2 SESSIONS OCT 15–22
REBECCA PAILES-FRIEDMAN, IDSA
XCDE 605 .6 C.E.U.’S $305

**Pricing Your Product and Services**
Setting the right price is both a science and an art. Choosing the right pricing strategy is critical for the success of your venture. As a central part of your marketing strategy, pricing is closely linked to the perception of your brand in the marketplace; getting to the right pricing strategy will help to enable growth. Obtain a framework for optimizing the prices of your products or services throughout the product life cycle, and for understanding how your pricing model affects the customer experience.

Focus on the introduction to pricing basics, understanding the value of your product or service, price discrimination, selecting the right price strategy, monitoring the market, reacting to competition, negotiating price agreements, establishing best practices, and pricing law.

TH 6–8 PM; 3 SESSIONS OCT 29–NOV 5
KRIS SCHUMACHER
XCDE 665 .6 C.E.U.’S $305
Pratt Manhattan is proud to be an authorized training center since 1986. Our Authorized Training Center has provided comprehensive training for beginning and advanced computer-aided design (CAD) users.

Autodesk® Training Center

Pratt Institute Offers Many Benefits to You and Your Company.

As an Autodesk® Authorized Training Center we provide:

• Quality that’s monitored and maintained for consistency by Autodesk®
• Instruction that’s based on courseware that is authorized by Autodesk®
• Highly qualified, certified, and industry experienced instructors who are up-to-date on Autodesk®’s latest technology
• Dedicated workstations within state-of-the-art training facility
• Hands-on sample projects and exercises that emphasize real-world application
• Classes, at the most appropriate skill level, to meet your needs
• A time that’s convenient or sign up for custom, on-site training
• Valuable certificate of completion that’s recognized in your profession

AIA Provider

Pratt is registered as a Premier Provider with the American Institute of Architects, Continuing Education System (AIA/CES). We are committed to offering quality education in accordance with the AIA/CES criteria (provider #F163).

Key

(m) = Macintosh Platform
(w) = Windows Platform
(AIA) = AIA Professional

Courses

AIA AutoCAD® 2016 Professional Level I

 Architects, construction managers, engineers, drafters, and design professionals who are new AutoCAD® software users, and require comprehensive training in creating basic 2D drawing in AutoCAD®, should take this course. AutoCAD® is one of the most sophisticated computer applications, and learning to use it is not an easy task. You begin with basic tools that enable you
to create and edit simple drawings and then strengthen those tools. Although every command or option is not covered, you’ll learn the most essential tools and concepts and will also be introduced to more advanced tools.

Explore the AutoCAD® workspace and user interface; use basic drawing, editing, and viewing tools; organize drawing objects on layers; insert reusable symbols (blocks); prepare a layout to be plotted; add text, hatching, and dimensions; use more advanced editing and construction techniques; creating local and global blocks; and set up layers, styles, and templates. By course completion, you will create a production drawing from start to finish print. Hands-on class exercises are used to simulate a real-world workflow.

Prerequisites: Working knowledge of basic design/drafting procedures and terminology, and a working knowledge of Windows or Mac operating systems.

Please Note: Not accepted by NYS for LU or PDH credit.

SECTION 1 (W):
- TU 6:05–8:05 PM; 15 SESSIONS AUG 25–DEC 1
- GIL SANTIAGO
- SECTION 2 (W):
- SA 9:30 AM–12:30 PM; 10 SESSIONS SEPT 26–DEC 5
- CHRIS RAMIREZ, ACI
- SECTION 3 (W):
- W–F 9 AM–3 PM; 6 SESSIONS SEPT 2–4, 9–11
- GIL SANTIAGO
- SECTION 4 (W):
- W–F 9 AM–3 PM; 6 SESSIONS DEC 9–11, 16–18
- GIL SANTIAGO
- 30 AIA/CES LU’S, 30 PDH’S
- PMA 401 3.0 C.E.U.’S $905

AIA AutoCAD® 2016 Professional Level II
Experienced AutoCAD® users seeking additional training in AutoCAD® features, commands, and techniques to be more productive when creating, annotating, and printing drawings should take this course. Build on the basic concepts of the AutoCAD® Professional Level I course through hands-on exercises that explore how to create 2D production drawings. Create and manage blocks; add attributes to blocks; prepare templates; define text and dimension styles using external reference files; work with tables, table style, and collaboration tools; publish and distribute project drawings.

Prerequisite: PMA 401, or permission of instructor.

SECTION 1 (W):
- SA 1–4 PM; 10 SESSIONS SEPT 26–DEC 5
- CHRIS RAMIREZ, ACI
- SECTION 2 (W):
- W–F 9 AM–3 PM; 6 SESSIONS OCT 2, 7–9
- PHIL GAUNTT, ACI
- 30 AIA/CES LU’S, 30 PDH’S
- PMA 402 3.0 C.E.U.’S $905

AIA AutoCAD® Architecture 2016: Essential Skills
Architects, interior designers, engineers, drafters, and design professionals will master the skills of AutoCAD® Architecture, which is customized for the creation of architectural drawings and built on the popular AutoCAD® software platform. In AutoCAD® Architecture, build 3D models of your designs one floor at a time, instead of creating simple 2D floor plans. Learn the tools and techniques used in AutoCAD® Architecture software as well as the basic commands for architectural designing and drafting. Explore the tools necessary to use design resources and increase productivity in the architectural design process. Project designs include views, display themes, annotations, schedules, and callouts.

Prerequisites: Previous AutoCAD® experience is recommended, but not necessary. Drafting, design, or engineering experience is a must. It is also recommended that you have a working knowledge of Microsoft® Windows® or Mac operating systems.

- M–W 9 AM–5 PM; 3 SESSIONS; OCT 19–21
- PHIL GAUNTT, ACI
- 21 AIA/CES LU’S, 21 PDH’S
- PMA 405A 2.1 C.E.U.’S $685

AIA Autodesk® Revit® 2016 Professional Level I
Learn Autodesk® Revit® software, the AEC industry’s most popular parametric building modeler. In Autodesk® Revit®, you don’t just draw 2D building plans, elevations, or sections; you create a digital database of your building comprising 3D graphical information and non-graphical data. Revit® includes a library of predefined parametric building components that can be customized to meet your needs to refine these objects or to create custom objects. Productivity is improved through increased automation of construction documentation and scheduling. New tools, templates, and construction content that extend the benefits of the building information modeling solution to the construction community are covered in exercises.

Prerequisites: Previous AutoCAD® experience is recommended, but not necessary. Drafting, design, or engineering experience is a must. It is also recommended that you have a working knowledge of Microsoft® Windows® or Mac operating systems.

SECTION 1 (W):
- W 6:05–8:05 PM; 15 SESSIONS AUG 26–DEC 9
- SAFIY ABDUR-RAHMAN, LEED, AP, ACI
- SECTION 2 (W):
- W–F 9 AM–3 PM; 6 SESSIONS NOV 4–6, 11–13
- PHIL GAUNTT, ACI
- 30 AIA/CES LU’S, 30 PDH’S
- PMA 406A 3.0 C.E.U.’S $905

AIA Autodesk® Revit® 2016 Professional Level II
Building upon lessons learned in Autodesk® Revit® Architecture: Level I, experienced Revit® software users will expand upon building plans, elevations, and sections as well as the digital database composed of 3D graphical information and non-graphical data. Collaboration is an integral part of today’s work environment and Revit®’s work-sharing provides a method for sharing files with other partners. Catalogs of predefined building components are supplied but may not be exactly what you need; learn how to take an in-depth look at Revit®’s family editor. Architects, construction managers, engineers, drafters, and design professionals will use hands-on exercises to replicate a real-world workflow for learning and focus on advanced techniques.

Prerequisite: PMA 406A, Autodesk® Revit® Professional: Level I, or equivalent work experience.
AIA Autodesk® Revit® 2016: Creating Construction Documents

As a user of Revit® Architecture, you already know how to prepare floor plans in Revit®, but placing these views onto sheets can be a challenging task. Explore how to turn a BIM model into CDs using Autodesk® Revit® tools, including callouts, exterior and interior elevations, and sections. Once these views have been prepared, annotation tools are used to complete the design drawings with text and dimension items. Since these views do not always tell the entire story, explore different view types including drafting views, legends, title blocks, and sheet lists. Exercises are used to review the topics discussed.

Prerequisite: PMA 406, Autodesk® Revit® Professional: Level I, or equivalent work experience.

SECTION 1 (W):
M 9 AM–5 PM; 1 SESSION NOV 23
PHIL GAUNTT, ACI
7 AIA/CES LU’S 7 PDH’S
PMA 534A .7 C.E.U.’S $305

Autodesk® Revit® 2016 for Interior Designers: Level I

Using Autodesk® Revit® offers significant benefits for interior design with powerful modeling, visualization, and documentation tools. The course introduces the concept of BIM (Building Information Modeling), placing emphasis on interior design process rather than the aspects of architectural design. Explore the basic techniques of creating and modifying design layout, material library, and custom fixtures. The comprehensive model allows you to update design while offering up-to-date drawing set, rendered perspective views, and schedules. Learn the skills to generate various design studies and investigations within a single model using design options tools.

Please Note: Hands-on exercises are used to illustrate well-coordinated design and documentation process.

SECTION 1 (W):
SU 9 AM–12 PM; 10 SESSIONS SEPT 27–DEC 6
EUGENE KWAK
30 AIA/CES LU’S, 30 PDH’S
PMA 412A 3.0 C.E.U.’S $905

Autodesk® Revit® 2016 for Interior Designers: Level II

Using Autodesk® Revit®, you will learn advanced techniques of creating an interior design project. The course will focus on multiple in-depth topics to introduce workflow that can be applied to the mainstream design industries. Discover a method to enhance organization with a custom template which pre-loads a set of drawing sheets and contents. Interior design requires accurate documentation of space conditions during the design and construction process, and the Phasing tool can be utilized to coordinate existing and proposed conditions. Become familiar with a work-share tool, which allows collaboration of multiple users to build and modify a single model.

Please note: Hands-on exercises are used to simulate real-world workflow. Prerequisite: Autodesk® Revit® for Interior Designers: Level I

SECTION 1 (W):
SU 1–4 PM; 10 SESSIONS SEPT 27–DEC 6
EUGENE KWAK
30 AIA/CES LU’S, 30 PDH’S
PMA 557 3.0 C.E.U.’S $905

AIA Architectural Design with Autodesk® 3ds Max® Design 2016 Level I

Autodesk® 3ds Max® Design is a 3D modeling, rendering, and animation software for creating cutting-edge design visualizations. Its straightforward modeling interface and unique interoperability simplify 3D model creation. Layers and schematic view tools increase efficiency of data management. State-of-the-art image creation technologies, including Autodesk® Mental Ray® rendering technology, ensure production of accurate visualization to validate architectural design intentions.

Explore the Autodesk® 3ds Max® definition of space and coordinate system, the Autodesk® 3ds Max® Design user interface, scene navigation, parametric primitive objects, shapes, editable poly objects, transforms, modifiers, materials, texture mapping, lights, cameras, indirect illumination, photorealistic rendering, and walk-through animation setup.

Prerequisites: Familiarity with Windows operating system and 2D vector drawing programs.

SECTION 1 (W):
TU 8:10–10:10 PM; 15 SESSIONS AUG 25–DEC 1
MARCELLO FERRI, AIA, ACI
30 AIA/CES LU’S, 30 PDH’S
PMCG 252 3.0 C.E.U.’S $905

AIA Autodesk® 3ds Max® Design 2016: Visualization Fundamentals

For decades, Autodesk® 3ds Max® Design software has been used by architects and designers for creating renderings and animations of designs before they exist. Autodesk® 3ds Max® Design allows architects, engineers, interior designers, and design professionals to visualize design intent by building a digital model instead of building a physical model.

Through hands-on projects, learn how Autodesk® 3ds Max® Design software helps create 3D objects and environments for the architecture and engineering fields. Design a 3D scene to scale and prepare the scene for photorealistic rendering. Focus on user interface overview, object modeling and importing techniques, animation basics, adding materials and lighting, scene preparation for rendering, rendering still images, and animations.

Prerequisites: Working knowledge of basic design/drafting procedures and terminology, and a working knowledge of Windows or Mac operating systems.

SECTION 1 (W):
W–F 9 AM–5 PM; 3 SESSIONS NOV 18–20
PHIL GAUNTT, ACI
21 AIA/CES LU’S, 21 PDH’S
PMAM 230 2.1 C.E.U.’S $685

SECTION 2 (W):
SU 1–4 PM; 10 SESSIONS SEPT 27–DEC 6
EUGENE KWAK
30 AIA/CES LU’S, 30 PDH’S
PMA 412A 3.0 C.E.U.’S $905

SECTION 3 (W):
SU 9 AM–4 PM; 10 SESSIONS SEPT 27–DEC 6
PHIL GAUNTT, ACI
7 AIA/CES LU’S 7 PDH’S
PMA 542A .7 C.E.U.’S $305
AIA Autodesk® Revit® 2016: Addition and Renovation Projects

Advanced Revit® users discover the tools and methodology of designing remodel and renovation projects in Autodesk® Revit®. Learn how to use the Design Options tools in Revit® to provide a method for preparing views that include various options for proposed construction and layout projects. Many times, design projects encompass various aspects of the construction process, and the Phasing Tools can be used to organize the design elements by category such as Existing, Demo, and Proposed conditions. Over time, Revit® users will become familiar with the wall creation tools, wall types, and tips/tricks for producing renovation design drawings.

SECTION 1 (W):
TU 9 AM–5 PM; 1 SESSION DEC 8
PHIL GAUNTT, ACI
7 AIA/CES LU’S, 7 PDH’S
PMA 548A .7 C.E.U.’S $305

AIA Autodesk® Revit® 2016: Structure Essentials

Architects, structural engineers, drafters, and design professionals learn how to use structural modeling and documentation tools in Revit® software to optimize the capabilities of BIM modeling. Explore the user interface, including basic drawing and editing tools and techniques. Standard structural modeling tools for columns, beams, foundations, and footings are now included in Revit®. Discover how to build the structural model using beams, defining beam systems, bracing, and structural reinforcing. Once complete, use the documentation and detailing tools to prepare these drawings for the creation of construction documents. Hands-on exercises are used to simulate a real-world workflow.

Prerequisite: PMA 406, Autodesk® Revit® Professional: Level I is recommended, but not mandatory, or equivalent work experience.

SECTION 1:
W–F 9 AM–5 PM; 3 SESSIONS OCT 14–16
PHIL GAUNTT, ACI
21 AIA/CES LU’S, 21 PDH’S
PMA 545A 2.1 C.E.U.’S $685
Autodesk® Authorized Training Center Premier
Media and Entertainment
Pratt Manhattan is authorized as an Autodesk® Authorized Training Center Premier Media and Entertainment (formerly known as Discreet Training Center) for its multimedia programs, which include Character Studio, Cleaner XL, Combustion, Reactor, and Autodesk® 3ds Max® Autodesk® 3ds Max® Design, and Autodesk® Maya®.

See pages 15–16 for the following course descriptions:

- Autodesk® Maya® 2016 Fundamentals: 3D Modeling, Animation, and Rendering
- Autodesk® Maya® II 2016: Modeling, Animation and Effects
- Autodesk® Maya® II 2016: Advanced Character Design
- Autodesk® 3ds Max® 2016 Fundamentals: Modeling and Rendering I
- Autodesk® 3ds Max® 2016 Modeling, Materials, and Rendering II
- Autodesk® 3ds Max® 2016 Animation I
- Autodesk® 3ds Max® 2016 Animation II
- Autodesk® 3ds Max® 2016 Advanced: Character Modeling
- Autodesk® 3ds Max® 2016 VFX/Special Effects
- Autodesk® 3ds Max® 2016 Design Advanced Lighting
- Autodesk® Mudbox®

Autodesk®’s Student/Faculty Engineering and Design Community
http://students.autodesk.com
Sponsored by Autodesk®, a FREE website for design students and faculty in the fields of architecture, construction, industrial design, animation, gaming, civil engineering, and mechanical engineering. Design students and faculty are able to download free student editions of Autodesk® software, find jobs, discuss projects, share work, learn from experts, and make new friends. Free downloads of Autodesk® 3D design software products as well as tutorials, curricula, and social networking, are available to design students and faculty. The Student/Faculty Engineering and Design Community is a vehicle for students to collaborate with other students on their campus as well as other universities around the world.

Autodesk®’s the AREA
http://area.autodesk.com
The popular job-posting section provides students with opportunities for internships as well as full-time and part-time jobs. A diverse range of employers, from large to small firms, seek talent in this community. Download and installation support is available directly via the question-and-answer forums. Autodesk® AREA is now live! Autodesk® is thrilled to announce the availability of a new community website focused on artists and developers using Autodesk® Maya®, Autodesk® 3ds Max®, or Autodesk® MotionBuilder® software products in games, film, post-production, or design visualization. Visit the AREA now and register! Membership is free.
Drawing on Pratt Institute’s historically strong architecture and engineering curriculum, the Institute has expanded its professional development program as an authorized provider with the American Institute of Architects (AIA), Continuing Education System (AIA/CES), and the Landscape Architecture Continuing Education System (LA CES) to offer continuing education courses. For additional approved AIA/CES courses, please see Autodesk® Training Center, pages 38–42.

Courses

A Guide to Sustainable Materials for High-Performance Buildings
Explore the lists of sustainable products, services, life cycle assessment programs, and their manufacturers. Obtain key insight on the green attributes of each product and the most critical green issues for each product category. This course was created to provide products and services associated with LEED® credit achievement or to specify products to comply with a specific validating methodology.

Learn about products and how they affect green building costs; life cycle impacts; products, services, distributors, and suppliers for each product category; and participate in an integrated interactive discussion on the pros and cons of these new green products.

Please Note: Pratt Institute and the owner of Forever Green Training and Sustainable Design do not charge for resource listings. Textbook included.

SA 9 AM–5 PM; 1 SESSION SEPT 12
IRENE SANTORO, LEED®, AP, BD+C
7 AIA/HSW LU’S, 7 PDH’S
PMPD 665 $355

A Guide to the 2010 ADA Standards and New York City-Specific Accessibility Requirements
United Spinal Association’s course will provide attendees with the comprehensive information they need to navigate the world of accessibility when designing and constructing commercial facilities in New York City.

When considering accessibility requirements, many think exclusively of the ADA, but doing so may leave designers and building owners falling short of obligations: the 2008 NYC Construction Code enhancements sometimes exceed what is required by the 2010 ADA Standards. To complicate matters, the new 2010 ADA requirements also include a host of regulations (particularly for recreation facilities) that are not mandatory according to the 2008 NYC Construction Code. Study federal and city accessibility requirements.

TH 9 AM–12 PM; 1 SESSION SEPT 17
DOMINIC MARINELLI, UNITED SPINAL ASSOCIATION
3 AIA/HSW LU’S, 3 PDH’S
PMPD 616 $205

Achieving Sustainable Mobility
Review key elements of sustainable mobility; how they are being applied; and project their potential for cost-effective, environmentally-sound application. Included: Context-sensitive Design, Complete Streets, 21st-century sharing systems (auto and bicycle), Bus Rapid Transit and emerging technology (electric vehicles, autonomous vehicles). Reflect on the increasing need to integrate what have been thought of as separate elements of urban roadway and transit systems. Roadway systems reflect the principles of Context-sensitive Design and Complete Streets, accommodate all pedestrians, bicyclists, transit users, and drivers including the role for growing vehicle sharing services such as ZipCar.
Brick Essentials
Brick masonry is used in many different ways in the construction industry. Explore the history of brick masonry and its various uses. Learn about the requirements governing clay masonry as established by the American Society for Testing and Materials (ASTM). Examine the standards for brick masonry units and the mortar used in conjunction with those units. Develop a full understanding of brick by size, shape, exposure limitations, and compressive strength. The advantages of brick to sustainability are also described. Discover how brick may contribute as many as 29 LEED points toward certification.

Prerequisite: None
SA 10 AM–4 PM; 1 SESSION SEPT 5
NOEL HIDALGO, NATHAN STOREY
6 AIA LU’S, 6 PDH’S
XSABI 710 $159

Adaptive Reuse Reimagined
An existing structure presents many opportunities and many challenges. Architects are sometimes reluctant to use the existing infrastructure, hesitant to assume responsibility for unforeseen conditions, and may not recognize the valuable resource they have. It is vitally important to understand what is possible given new technologies. Part of the challenge is to discover hidden features of a property to both preserve and improve the facility by applying creativity and taking the care necessary to envision the end product. This course examines the conceptual underpinnings, as well as the methods, materials, and process of reconstructing and adding to an older building. Examine surveying existing conditions; code and zoning; planning for preservation (old vs. new); building charm and interest, the permitting process; the construction process, and case studies.

Prerequisite: None
TU 9 AM–5 PM; 1 SESSION OCT 6
STEVEN ZALBEN, AIA, NCARB, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 894 $305

Bridge Design NEW
This one-day seminar will train the student with practical skills for participating in a consulting firm’s bridge design team. The focus will be on highway bridges, both steel and concrete, taking account of major components of the superstructure and substructure. All phases will be discussed from bridge type study, geometry, and preliminary design to detailed final design and preparation of the specs and contract drawings. Specific examples of design calculations will be worked out in the classroom. The American Association of State Highway and Transportation Officials (AASHTO) Bridge Design Specifications will be used as reference.

Prerequisite: None
TU 9 AM–5 PM; 1 SESSION SEPT 29
HABIB BORJIAN, PE
7 AIA/LU’S, 7 PDH’S
PMPD 736 $305

Bridge Load Ratings NEW
The Federal Highway Administration estimates that about one-third of the nearly 600,000 bridges in the United States are structurally deficient and need to be repaired or replaced. This situation necessitates periodic inspection and assessment of highway bridges. The quantitative benchmark of bridge performance is known as load rating, which involves a sequence of calculations to find out how an individual bridge can withstand vehicular loads.

This course overviews bridge evaluation as required by the national bridge inspection standards. It will cover load rating in two categories of Inventory Rating and Operating Rating, as defined by AASHTO Manual for Bridge Evaluation.

Prerequisite: None
TU 9 AM–5 PM; 1 SESSION OCT 13
HABIB BORJIAN, PE
7 AIA/LU’S, 7 PDH’S
PMPD 737 $305

Building and Restoring Brick Structures
Brick, an aesthetically pleasing material, is versatile, durable, and has been a popular building material since 4,500 BC. Learn the history of brick and brickwork with a focus on New York buildings, which are primarily made of brick. Explore the best techniques for restoring old brick structures, including adding insulation, making lasting walls, and removing paint. Discuss construction details using new brick with a focus on energy-efficient envelopes, rainscreen walls, and keeping moisture out. Learn about brick pavers and why they are a good choice when there are ADA concerns.

Registration deadline: Oct 9
W 9 AM–5 PM; 1 SESSION OCT 14
BRIAN E. TRIMBLE, PE, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 610 $305

Design of Ambulatory Health-Care Facilities
As the practice of medicine and the delivery of health care changes, the design of the physical environment is also changing to facilitate a new way of delivering health care. Explore, from inception to completion, the design steps of an ambulatory facility. Discover early decision-making in the selection of sites, key drivers,
management, planning, and design components. Examine the design of ambulatory care facilities; current and future ambulatory delivery models of care; technical, IT, and MEP components; ambulatory codes; ambulatory lean design principles; design of ambulatory planning components; working with departmental users and strategic departments; and ambulatory metrics and flexible design.

TH 9 AM–5 PM; 1 SESSION OCT 29
JEFFREY P. DRUCKER, AIA
7 AIA/HSW LU’S, 7 PDH’S
PMPD 733 $305

**Elevating Your House Above Harm’s Way**

Explore the devastating effect of Hurricane Sandy’s flood tides and learn how to plan for future storms. Hurricane Sandy, which struck on October 29, 2012, was the most devastating hurricane to strike the New York City area in terms of flood damage since the hurricane of 1821.

Discover the house inspection process and what to look for in a damaged house. Learn to ask yourself if the house is salvageable, or is it a “knock down”? Focus on foundation issues and types of foundations; dewatering crawl spaces under a house; the house-raising and elevation process; stoops and steps access to the raised house; working with a house-moving company; the role of the engineer and architect; estimating the cost of the work, soft costs, and hard costs; FEMA and other government regulations; as well as flood maps.

M 1–4 PM; 1 SESSION OCT 19
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 613 $205

**Energy Benchmarking**

New York City Local Law 84, signed by Mayor Bloomberg on December 28, 2009, requires that as of May 1, 2010, buildings over 50,000 square feet are required to benchmark annually their energy and water usage. Energy benchmarking is an accounting determination of energy and water usage in a facility. Examine which buildings are affected and discuss energy units and what these numbers mean. Explore comparative building types and what we
do about high-energy usage. Learn electric rate tariffs, time-of-day electric rates, and energy conservation.

TU 9 AM–12 PM; 1 SESSION SEPT 1
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 717 $205

Energy Conservation and Multi-Family Building
Whether the building is a four-unit building or a 400-unit building, there are huge opportunities to save in the operation of multi-family buildings. Determine annual energy usage, electricity, gas, and fuel oil; electricity energy savings; lighting; elevators; indoor air-quality issues; flow of air through buildings; stack effects; and heating energy usage. Examine case studies of real buildings as well as how Local Law 87 impacts multi-family buildings.

TU 9 AM–12 PM; 1 SESSION SEPT 8
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 614 $205

Energy Retro-Commissioning of Buildings
New York City Local Law 87, signed by Mayor Bloomberg on December 28, 2009, requires that as of January 1, 2013, buildings over 50,000 square feet are required to perform energy audits and to retro-commission the base-building systems. Energy retro-commissioning of buildings will dramatically reduce energy usage. Learn the definition of energy retro-commissioning; which buildings are affected; base-building systems; energy efficiency report; operating protocols, calibration, and sequencing; cleaning and repair of building equipment; and training and documentation requirements.

TU 1–4 PM; 1 SESSION SEPT 1
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 752 $205

Engineering Criteria for Fossil Fuel Burning Boilers and Water Heaters
The New York City Department of Environmental Protection has promulgated new performance standards for fossil fuel burning boilers and water heaters. This class will cover these performance standards and how they affect the design and specification of new systems and the continued operation of existing equipment.

M 1–4 PM; 1 SESSION SEPT 28
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 618 $205

Engineering Ethics
A class or educational activity on engineering ethics is required for each three-year registration period beginning August 1, 2011 and afterwards. This class will satisfy the requirements of the Engineering Board of the New York State Department of Education. This class will focus on the definition of engineering, who can become an engineer, registration, use of engineering seals, corporate practice, certificates of authorization, who can retain engineers, continuing education requirements, and unethical behavior.

TU 9 AM–12 PM; 1 SESSION OCT 27
DANIEL KARPEN
3 AIA/LU’S, 3 PDH’S
PMPD 619 $205

Environmental Graphics: Wayfinding Workshop or, You Can Get There from Here
Learn the basics of how to conceptualize, plan, and design wayfinding and signage systems. Designers and architects will develop an understanding of the terminology and detailed steps involved to strategize and implement wayfinding signage. Classes begin with an overview of the process, followed by more detailed discussions of each phase of a project. Learn new skills by developing your own project in tandem with each class. Visual materials include examples of typical projects, design schematics, and how to present development phases to clients, as well as discussion of finished installations. Client interaction, typical problems, and fabrication issues will be explored.

Prerequisite: Ability to read a floor plan.

TH, F 9 AM–5 PM; 2 SESSIONS OCT 15–16
MELANIE ROHER, DEBRA MAGID
14 AIA/HSW LU’S, 14 PDH’S
PMPD 754 $605

Environmental Site Investigation and Remediation
Examine the process of researching a property for a history of potential environmental concerns; completing the site investigation process; understanding the types of chemicals that are typically identified during the investigation process; and learn the types of actions to take.

F 9 AM–5 PM; 1 SESSION NOV 6
PAUL MILLER, PE
7 AIA/HSW LU’S, 7 PDH’S
PMPD 661 $305

Feng Shui and Architecture
An overview of Feng Shui spanning from its ancient origins, to its various schools of interpretation, to its practical application in modern construction will be presented. Case studies of buildings erected with and without these principles will be studied and compared. Symbolic and cultural aspects in architecture will be examined including what constitutes a harmonious landscape in accordance with Feng Shui principals. Discussions regarding what benefits the occupants as well as the interests of the public will be covered. Examination of Feng Shui strategies that have been used in luxury buildings and in entire cities will be explored.

W 9 AM–5 PM; 1 SESSION OCT 7
LAURA BENKO
7 AIA/HSW LU’S
PMPD 718 $305

Foundations: Spatial Thinking, Data and Design
Learn to tell stories with maps and data. There’s more than meets the eye when it comes to creating accurate, compelling visualizations based on GIS analysis. This course introduces the critical fundamentals of spatial theory/spatial relationships, cartography, design,
and data visualization. You will acquire the skills to properly assess and analyze spatial data and maximize the message of your map output through engaging design. The course is for beginning and experienced GIS users as it covers important aspects of design which are often overlooked in traditional GIS courses.

Prerequisite: None
T, TH 6–9 PM; 10 SESSIONS SEPT 1–OCT 1
JEFF FERZOCO, ALIHAN POLAT
30 AIA/HSW LU’S, 30 PDHS
XSAVI 700 3.0 C.E.U.’S $689

From Hammurabi to Euclidean Zoning: Deciphering the Codes to Enhance Projects and Practice
Explore the history and application of building codes and zoning regulations. How do building codes and zoning regulations impact projects and practices, and how can you have greater control over the review process? Learn how to leverage your knowledge of building codes and zoning regulations to deliver better projects and provide valuable added services.

Examine the progression of building laws from ancient times through recent iterations; navigate the plan examination process; pre-considerations, reconsiderations, and “PAAs”; as well as NYC zoning essentials.

Registration deadline: Oct 16
TH 9 AM–5 PM; 1 SESSION OCT 29
ROY PACHECANO, AIA; MICHAEL COGEN, AIA
7 AIA/HSW LU’S
PMPD 732 $305

Go Green Retrofits
Design professionals need to incorporate sustainability principles into the manufacturing and building renovation process of their facilities and go green. Focus on the implementation of methods to reduce resources consumed and waste generated, and increase efficiencies in the areas of energy and water consumption; waste water generated; and waste generation for the facility renovation; and green building renovation—facilities utilizing a USGBC Leadership in Energy and Environmental Design (LEED®) certified retrofit using either the Existing Buildings or Commercial Interiors rating standard as a basis in performing an overhaul of existing facilities, even if certification is not the goal.

SA 9 AM–5 PM; 1 SESSION OCT 10
TERESE KINSLEY, PE, LEED®, AP
7 AIA/HSW LU’S, 7 PDHS
PMPD 809 $305

Green Versus Historic Preservation: Collaboration or Conflict?
With rising energy costs and climate change no longer a scientific guess, the development of inner-city facilities, even if certification is not the goal. The American landscape is scarred with remnants of postwar suburbanization, when waves of development surged from historic city centers to pristine suburbs. Developments began with a Main Street; then the postwar decades introduced prototypes such as the mall, neighborhood center, strip centers, and finally the “big-box” one-stop shop. These developments continued to evolve to incorporate all the latest retailers, entertainment venues, restaurants, and community activities, resulting in a series of economically obsolete, failing, and/or underutilized buildings or land. These sites are commonly referred to as “greyfields.” This course will explore what to do with these sites and how to make them viable environments for the future.

Please Note: Case studies and sketch problems will be explored.
F 9 AM–5 PM; 1 SESSION OCT 16
DAVID ROBBINS AICP, RLA, LEED®
7 AIA/HSW LU’S, 7 PDHS
PMPD 716 $305

Historic Preservation: Techniques and Methods
With so many buildings declared historic landmarks, architects are increasingly discovering that many of their projects require preservation expertise. Learn the technical and theoretical information necessary for the examination, documentation, and analysis of historic structures and their materials.

Explore the various tools for preserving historic and existing buildings as established by the Secretary of the Interior’s Standards for the Treatment of Historic Properties, such as preservation, restoration, rehabilitation, and conservation, as well as adaptive reuse and reinvention; assess appropriate levels of intervention; discuss historic materials, such as masonry, metals, and wood; and identify materials and their physical properties and conditions.

Please Note: Focus on case studies of current projects with historic buildings from start to finish that enhance aesthetic sensitivity through exposure to problems of restoration, adaptive use, and infill design of differing scales; and “show and tell” review of historic preservation documents: historic structures reports, construction documents, restoration specifications, feasibility studies, and conditions surveys.

TH–F 9 AM–5 PM; 2 SESSIONS NOV 5–6
LISA EASTON, AIA; KATE LEMOS MCHALE, AIA
14 AIA/HSW LU’S, 14 PDHS
PMPD 844 $605

Greyfield Development—Opening the Doors to New Opportunities
The American landscape is scarred with remnants of postwar suburbanization, when waves of development surged from historic city centers to pristine suburbs. Developments began with a Main Street; then the postwar decades introduced prototypes such as the mall, neighborhood center, strip centers, and finally the “big-box” one-stop shop. These developments continued to evolve to incorporate all the latest retailers, entertainment venues, restaurants, and community activities, resulting in a series of economically obsolete, failing, and/or underutilized buildings or land. These sites are commonly referred to as “greyfields.” This course will explore what to do with these sites and how to make them viable environments for the future.

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7 AIA/HSW LU’S, 7 PDHS
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TH–F 9 AM–5 PM; 2 SESSIONS NOV 5–6
LISA EASTON, AIA; KATE LEMOS MCHALE, AIA
14 AIA/HSW LU’S, 14 PDHS
PMPD 844 $605
How to Determine the Age of Your Building or House
Often wonder how old a particular house or building is? Learn the various methods of determining the age of a house or structure. Study the use of historical documents; government records; any renovations or additions in the past; construction methods and materials; electrical systems; plumbing systems; heating; ventilation; and air conditioning.

M 1–4 PM; 1 SESSION SEPT 21
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 731 $205

Improving the Energy Efficiency of Steam Systems
Since energy costs continue to go up, it is important to focus on improving the efficiency of one-pipe and two-pipe low-pressure steam heating systems, typically found in thousands of New York City buildings. Whether a boiler is fired by fuel oil or natural gas, learn how to dramatically improve the efficiency of steam heating systems. Discover payback period calculation for pipe insulation; proper water treatment; solving water hammer problems; one-pipe steam systems; venting of one-pipe steam systems; two-pipe steam systems; thermostatic steam traps; float and thermostatic steam traps; sizing of replacement boilers; and case studies of actual buildings.

Please Note: Tuition includes textbook fee of $35.

M 9 AM–4 PM; 1 SESSION OCT 12
DANIEL KARPEN, PE
6 AIA/HSW LU’S, 6 PDH’S
PMPD 969 $340

Indoor Air Quality
Indoor air quality continues to be an important issue in the management of buildings. Focus on the prevention, identification, and remediation of indoor air quality problems in buildings. Since identification of indoor air quality problems usually starts with complaints from building occupants, learn how to implement the surveys needed to identify the source of problems and study proper engineering and architectural design. Often problems stem from multiple sources because of system neglect.
and poor design. Cover prevention, identification, and remediation including cost estimating.
M 9 AM–12 PM; 1 SESSION NOV 2
DANIEL KARPEN, PE; 3 AIA/HSW LU’S, 3 PDH’S;
PMPD 951 $205

Inspection of Multi-Family Residential Buildings
This course focuses on the engineering and architectural inspections of multi-family residential buildings, which comprise a substantial portion of the housing stock in the New York metropolitan area. Much of it was built before 1939, more than 75 years ago. The challenge is to maintain the housing stock in good condition for the foreseeable future. The course will concentrate on the process of inspecting a building and what to look for.
M 9 AM–12 PM; 1 SESSION NOV 2
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 735 $205

Instruments and Tools for an Energy Survey of a Building
Focus on the various tools and instrumentation needed to conduct an energy survey of a building. Discuss the limitations and accuracy of the various measurement instruments including rulers, measuring pipes, thermal scanners, boiler efficiency testing, moisture meters, carbon dioxide measurements, electrical measurements, and blower door testing. Learn how to translate the measurements into the process of qualifying energy savings for various energy conservation measures.
TU 1–4 PM; 1 SESSION; OCT 27
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 612 $205

Integrating Accessibility
Accessibility for the disabled is not only a law, but good practice. It provides an opportunity to mainstream facilities’ components in a way that both the able-bodied and not so able-bodied will find accessible—not an easy task in new buildings, but existing spaces are usually more challenging to retrofit. Examine how to interpret the ADA and its variants in order to accomplish universal accessibility. Learn to enthusiastically design in accordance with the law, rather than view it as an obstacle.

Examining the existing accessibility law, proposed exceptions, methods and technology, new and retrofitted facilities, and case studies. Emphasis is given to both the new 2004 ADAAG and 2008 New York City Building Code.
TH 9 AM–5 PM; 1 SESSION OCT 15
STEVEN ZALBEN, AIA, NCARB, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 895 $305

Intro to HVAC Systems
Learn the practical knowledge about HVAC systems that every professional in the construction industry needs. Focus on the engineering fundamentals and practical considerations for the selection of HVAC systems. Examine the different HVAC systems for commercial buildings and their applications and equipment types. In addition to the basics of the refrigeration cycle, discover how chilled water systems and heat pump systems work; how VRF (Variable Refrigerant Flow) systems perform; the basic principles of heat rejection devices; geothermal system operation; and concepts such as variable air volume (VAV), constant volume (CV), dual duct systems, heating loads, and more.
W 9 AM–5 PM; 1 SESSION NOV 18
JUAN C. TORO, PE
7 AIA/HSW LU’S 7 PDH’S
PMPD 615 $305

LED Lighting
The use of LED lighting has become efficient and cost-effective in both new installations and the retrofit of existing lighting systems. Explore the design of LED lighting systems, including color rendition and LED lighting; types of LED lighting currently available; retrofitting existing lighting systems; design of new lighting systems; comparative efficiencies of incandescent, compact fluorescent, linear fluorescent, and LED lighting; and economics of LED lighting.
M 9 AM–12 PM; 1 SESSION SEPT 28
DANIEL KARPEN
PE 3 AIA/HSW LU’S, 3 PDH’S
PMPD 734 $205

LEED® Commercial Interiors: Green Interior Design and Construction
ID&C architects, interior designers, electrical engineers, product managers, and decorators who focus on the shades of green should take this one-day seminar to prepare for the LEED® ID&C Professional exam. Receive an extensive overview on how to save your clients money with tax incentives or rebates for renewable energy and water technology. Learn how to incorporate affordable green strategies by using cost-effective options and marketing techniques in your specifications, putting you a cut above the rest. Study minimum program requirements; LEED® project requirements; integrated renewable energy; the principles of sustainable design; credits—intent; requirements and strategies; product and material resources; and case studies.
TU 9 AM–5 PM; 1 SESSION SEPT 22
IRENE SANTORO, LEED®, AP, BD+C
7 AIA/HSW LU’S, 7 PDH’S
PMPD 794 $355

LEED® for Green Associate PLUS
Are you a green building professional looking to pass the Green Building Certification Institute’s (GBCI) LEED® Green Associate exam? Then take Pratt’s two-day course, which concentrates on the core concepts of sustainable design and all nine LEED® Rating Systems®. Pass this first exam and move up to LEED® AP status, referred to as Tier Two. Learn information about state or federal utility programs, tax credits, and incentives. Energy Star Performance for Homes and Commercial Buildings is reviewed to explore its contribution to LEED® certification of a building.
Study LEED® Green Associate PLUS, today’s most complete and comprehensive course available, and focus on green building principles.
LEED® v4 (BD+C) New Construction v4, Core and Shell v4, and K-12 Schools

This course is the latest version for this LEED® specialty, and includes newly added content, preparing green building professionals to pass the Green Building Certification Institute’s LEED® Accredited Professional with Specialty (BD&C AP+) exam. Passing this exam given by the GBCI will enhance your existing credentials and provide the opportunity to work on new or existing green or LEED® projects.

Included is an in-depth look at the applicable use for international codes and standards, and technical requirements of Energy Star Performance and major ASHRAE Standards as they are critical during the LEED® certification process of a building.

Please Note: Includes textbook manual on the technical aspects of the LEED® process for all three methodologies, 400 questions, and case studies.

TH 9 AM–5 PM; 1 SESSION NOV 12
IRENE SANTORO, LEED®, AP, BD+C
7 AIA/HSW LU’S, 7 PDH’S
PMPD 690 $360

Mining the Web: How to Scrape, Analyze, and Map Open Data

Data is all around us. There are now seemingly unlimited datasets on the Web, but they aren’t always easy to obtain; and social media is generating new kinds of data that can be analyzed spatially. You too can conquer the World “Wild” Web and create sophisticated maps and visualizations. Through a course project, you will mine open data from a variety of platforms and experiment with different mapping/visualization techniques while also learning how to critically assess the utility and accuracy of data. You will work with tools like QGIS, CartoDB, OpenRefine, Google Fusion Tables, and APIs. Additionally, you will be introduced to the Python programming language.

Prerequisite: Some experience using open data will be helpful.

SA 10 AM–6 PM; 4 SESSIONS SEPT 12–OCT 3
RICHARD DUNKS
30 AIA LU’S, 30 PDH’S
XSAVI 750 $689

New York City Commercial Energy Code

Focus on the prescriptive compliance path of the NYC energy code and on the selections of the code highlighted, explanations of the applicability of the section, and corresponding images of real-life building situations of compliant and non-compliant constructions. Review and analyze the mechanical, envelope, and lighting/power requirements for commercial buildings. Introduction to building energy consumption and ASHRAE 90.1; NYC commercial energy code for mechanical systems, envelope, lighting, and power systems; NYC energy code requirements and enforcement to ensure compliance; prescriptive compliance path using COMCheck; and the introduction to alternate performance-based compliance path using Energy Cost Budget Method of ASHRAE 90.1.

TH 9 AM–5 PM; 1 SESSION DEC 3
JUAN C. TORO, PE, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 791 $305

New York Construction Law

The law influences all aspects of the construction process. Its reach extends far and wide, and its impact can be felt from the very beginning of a project, through completion, closeout, and beyond. Attendees are sensitized to the problems, issues, and concerns that can arise during major phases of a project, and will leave with a better understanding of how the law affects them. You will study bidding; contractor claims; owner defenses and related contract clauses; subcontractor claims; owner’s rights; affirmative claims; bonds; New York lien law; and public and private improvement mechanics’ liens.

Registration deadline: Oct 16
F–SA 9 AM–4 PM; 2 SESSIONS OCT 23–24
ROBERT J. MILETSKY, ESQ.
12 AIA/HSW LU’S, 12 PDH’S
PMPD 802 $585

New York State Building Codes, Rules, and Regulations

Learn the recent changes in the industry that affect the practice of architecture and engineering in NYS. Begin with the NYS adaptation of the International Building Code—i.e., the Building Code of NYS; the Energy Conservation Construction Code; the Fire Code; the Fuel Gas Code; the Mechanical Code; the Plumbing Code; the Property Maintenance Code; the Residential Code—and their interpretations and applications locally.

Interpret the NYS Building Code and the Federal OSHA Labor Law Safety and Health Regulations for Construction, as well as the NYC Building Code. Focus on the role of the Buildings Department and its authority.

TU 9 AM–5 PM; 1 SESSION NOV 10
EDWARD D. RE, JR., AIA
7 AIA/HSW LU’S, 7 PDH’S
PMPD 816 $305

Off-Site Fabrication for Housing

There is a bright future for prefab in the construction industry due to the recent concern for a green and sustainable environment. Examine the various aspects of off-site fabrication. Discuss the details of timeline comparison between off-site fabrication and conventional projects. Identify the physical components of a prefab project and look at the workflow and the composition of the project team. Special considerations need to be taken into account in an off-site fabrication project. What are the special drawings that are required and how does the very nature of drawing sets change? Look at the benefits of prefab and the sustainable aspects.

Please Note: Examine case studies to address the specific issues that arise on a project basis. View photographs and drawings of work that the lecturer has performed at an off-site fabrication company in London for the affordable-housing market.
Placemaking in the Urban Environment

Placemaking is a people-centered approach to the planning, design, and management of public spaces that promotes opportunities for moving, gathering, and connecting. These spaces are not simply the leftovers between buildings, but are designed elements in themselves, working in conjunction with the buildings that surround them. Placemaking views the creation of successful public spaces as the first step of a comprehensive design, which informs the location of components of the urban fabric, creating spaces that are valued by the community.

Please Note: Utilizing case studies, and historic examples—both successful and unsuccessful—this seminar will examine the civic, planning, design, and social/political issues unique to public urban places. We will explore the qualities and uses of places that provide physical and emotional connections between people and the urban environment as well as the range of qualities that make public places.

TH 9 AM–5 PM; 1 SESSION NOV 19
THOMAS GRASSI, AI
7 AIA/HSW LU’S, 7 PDH’S
PMPD 753 $305

Preparing Energy Audit Reports

Focus on preparing clear and concise energy audit reports for clients. With high energy costs, it is important that the energy audit report convince the client to perform the recommended work. Examine case studies of actual reports and discover what to do when savings cannot be accurately projected for certain types of energy conservation measures. Learn how to select the appropriate energy conservation measures, by estimating energy savings, estimating cost savings, estimating implementation costs, and calculating payback period.

M 1–4 PM; 1 SESSION NOV 9
DANIEL KARPEN, PE
3 AIA/HSW LU’S, PDH’S
PMPD 659 $205

Protecting the Public Health by Greening Your Specifications

Discuss the history of green design, including the research, studies, and experiments that led to the adoption of the LEED® rating system. Participants will learn how to correlate studies to green design, understand the LEED® rating system, and learn how to implement LEED® principles in specifications. Learn how to create and edit Division One General Requirements Sections to cover the procedural and administrative requirements necessary to make sustainable architectural practices a reality. Discover what has to be done to individual specifications sections to make them green and sustainable. This course will prepare the general practitioner with the tools necessary to implement green design principles in contract documents, and will cover the technical difficulties encountered with documenting compliance, as well as help the general practitioner to achieve LEED® certification by creating enforceable specifications.

F 9 AM–5 PM; 1 SESSION OCT 30
STEVEN DANIELPOUR, AIA, CCS, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 955 $305

Residential Bathroom Design from Start to Finish

Explore the fundamentals of residential bathroom design from powder rooms to hall baths to master–bathroom suites. Learn to incorporate the full scope of bathroom design and execution into an architectural design on either a vast or tight budget, whether it’s an addition, renovation, or new construction project. Detailed technical information will be provided in order to obtain the necessary skillset for start-to-finish residential bathroom design such as adjacencies, proximities, critical dimensions, clearances, and budgeting. Discussion will address layout, lighting, fixtures, materials, and problem areas.

Learn how to incorporate sustainability principles into the design process such as maintenance, safety, health, and lifestyle issues.

Please Note: Multiple case studies will be used to exemplify the above concepts throughout the course as well as hands-on sketch problems at the conclusion of class.

TH 9 AM–5 PM; 1 SESSION OCT 22
ABBY SCHWARTZ, ARA
7 AIA/HSW LU’S
PMPD 719 $305

Residential Conversion of Loft Buildings

For architects or engineers currently planning a conversion project or who would like to supplement and enhance their range of knowledge and generate possible new sources of revenue, this course will enrich the professional’s tools by developing the knowledge required to understand and plan the conversion of commercial and manufacturing buildings to legal residential use. Issues involving the NYC Building J Code, the NYS Multiple Dwelling Law, the NYC Zoning Resolution, and the NYC Housing Maintenance Code will be investigated. The review process by the NYC Building Department and the NYC Loft Board will be explored.

TU 9 AM–5 PM; 1 SESSION DEC 15
ARTHUR ATLAS, R.A.; N.C.A.RB
7 AIA/HSW LU’S
PMPD 795 $305

Residential House Inspections

A proper house inspection is essential before purchasing a property. A thorough inspection can detect potential structural problems that might be overlooked by a person unfamiliar with construction. Learn how to perform a residential house inspection, what questions to ask, and how to be curious about what you are seeing.

Examine the age of the structure and discover whether there are any additions or alterations to the original building. Learn the steps for structural inspection: foundations and basement floors; beams, rafters, and joists; HVAC: steam boilers, hot water boilers, forced
hot air systems, and air conditioning; electrical; types of conduit, and panel boxes; plumbing; types of water pipes; and the age of the roof. Examine case studies and obtain the guidelines for determining when to knock a house down.

**M 9 AM–12 PM; 1 SESSION OCT 19**
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 663 $205

**Residential Landscape Architecture**
Explore the design and construction of walkways, driveways, lighting, fencing, walls, patios, decks, swimming pools, tennis courts, sports courts, porticos, trellises, fire pits, outdoor kitchens, and other site features. Learn to develop an eye toward climactic conditions and plant zones in the New York metropolitan area. Privacy screens, perennial gardens, foundation plantings, seashore planting, deer proofing, and planting on slopes will also be discussed. Focus on client interviews; site analysis; presentations; zoning and planting considerations; filings; planning boards; architectural review boards; building departments; supervision; inspections; selection of contractors; punch lists; certificates of completion; and sketch problems.

**TH 9 AM–5 PM; 1 SESSION OCT 8**
CHARLES TUROFSKY, RLA
7 AIA/HSW LU’S, 7 LA CES
PMPD 946 $305

**SEQRA Reviews and Environmental Impact Statement with Noise Migration Emphasis**
As noise tolerance and exposure have become items affecting the quality of life, public health, safety, and welfare, so have considerations for addressing the mitigation of adverse impact of noise become elevated with emphasis in the State Environmental Quality Review Act (SEQRA) review process. For real property development, the complexities of addressing the mitigation of the adverse impact of noise, as a major component associated with SEQRA review for Unlisted and Type I Actions, are as complicated and difficult as addressing perceived adverse impact associated with conformance to the neighborhood character. It is necessary, when undertaking Environmental Impact Statement (EIS) work within which noise mitigation is a major component, to be able to determine and implement strategies and methods.

**SU 9 AM–5 PM; 1 SESSION SEPT 20**
ALFRED YALAJU, RA
7 AIA/HSW LU’S, LA CES, 7 PDH’S
PMPD 796 $305

**Solar Photovoltaics**
Solar photovoltaics, also known as PV, can be incorporated into the architecture of a building as a method of generating electricity. Systems have come down in price; utilities are encouraging their installation. Examine the technology of these systems and their economics, and learn the theory of solar photovoltaics, the current technology, incorporation into building architecture, and economics of installations.

**M 1–4 PM; 1 SESSION DEC 7**
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 662 $205

**Specifications Writing, Principles, and Practice**
Discuss the materials and products used in building construction; learn the methods to research, evaluate, and select products; and practice specifications writing. Discover how to establish requirements, identify attributes and products, and write biddable and binding specifications. Focus on the Construction Specifications Institute’s Manual of Practice; organizational tools used by the industry to catalog; organization of a project manual; and specifications writing techniques, structure, and language.

**TH 9 AM–5 PM; 1 SESSION SEPT 26**
STEVEN DANIELPOUR, AIA, CCS, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 801 $305

**Sustaining Mixed-Income Housing**
The shift toward sustainable urban housing extends beyond energy efficiency, use of recycled materials, natural resource conservation, or transit-oriented development. Explore the role that policy, subsidy, design, maintenance, preservation, and right of tenure play in the sustaining of such housing and communities. Broaden the architect’s understanding of how multi-family housing programs function in NYC and explore how housing programs, housing policies, design issues, and architectural issues interact. By analyzing the successes and failures of specific housing developments, identify overlapping themes and best practices. Examine multiple modes of architectural practice and intervention; preservation and re-use; and housing subsidy programs and regulations.

**SA 9 AM–5 PM; 1 SESSION SEPT 17**
DAVID B. POWELL
7 AIA/HSW LU’S, 7 PDH’S
PMPD 730 $305

**Technical Aspects of Restoration, Renovation, and Historic Preservation**
This seminar enables you to assess and restore property damage and to identify the techniques necessary to rehabilitate and renovate old structures. Focus is on construction methods, tools, and materials necessary to restore the style and grace required to protect our housing stock and American heritage, and on encouragement of well-conceived restoration to restore, renovate, repair, and maintain old American structures that would otherwise be at risk of additional deterioration and possible demolition. Areas covered are building materials, adhesives, laminate repairs, modified latex additives, and techniques used to repair and restore. Cost-effective restoration and the role of modern technology is discussed.

**TU 9 AM–5 PM; 1 SESSION DEC 1**
EDWARD D. RE, JR., AIA
7 AIA/HSW LU’S, 7 PDH’S
PMPD 797 $305
The Architect’s Role in Development: Preserving the Public’s Welfare
Trace the history of the architect/engineer (A/E) in the creation of significant urban development that gave rise to cornerstone concepts of the preservation of the public’s welfare. Engage in a dynamic environment where conventional notions of the architect’s role in development are challenged. Notions that bend conventional wisdom on its end and tie the design professional’s actual fiduciary duties to the state, the client, and general public are addressed. Examine how the A/E advises the owner/client; obtain an overview of ADA/Accessibility, federal, state, and local building codes; and discuss zoning resolution, municipal variances, and historic preservation laws and environmental regulations.

Registration deadline: Oct 16
TU 9 AM–5 PM; 1 SESSION OCT 27
ROY PACHECANO; AIA
7 AIA/HSW LU’S
PMPD 793B $305

The New York State Energy Conservation Construction Code
The New York State Energy Conservation Construction Code applies to residential and commercial buildings. The code regulates the design and construction of buildings for the effective use of energy. The code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve the effective use of energy. Study existing buildings; historic buildings; additions to buildings; substantial alternations to buildings; exemptions to code; definitions; residential energy efficiency; building design for commercial buildings; and NYC Department of Buildings EC–1: Energy Cost Budget Worksheet.
M 9 AM–4 PM; 1 SESSION NOV 16
DANIEL KARPEN, PE
6 AIA/HSW LU’S
PMPD 936 $305

The Passive House
Passive houses are houses that require virtually no heat to heat in the winter months. They have a peak heating load of less than 10,000 BTU per hour. It is now possible to design and build a passive house in the New York metropolitan area to meet this criteria. This class will focus on the architectural and engineering design of the passive house.
M 9 AM–12 PM; 1 SESSION NOV 23
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 798 $205

The Soup-to-Nuts of Residential Kitchen Design
Explore the fundamentals of residential kitchen design from layout to lighting, design to documentation, and tricks to trends. Learn to incorporate the full scope of kitchen design and execution into an architectural design whether on a vast or tight budget; whether it’s an addition, renovation, or new construction project; whether urban or suburban. Detailed technical information will be provided in order to develop the necessary skillset for soup-to-nuts residential kitchen design such as adjacencies, proximities, critical dimensions, clearances, and budgeting. You will focus on: ways to incorporate sustainability and “green” principles into the design and decision-making process; material selection relative to cost; and maintenance, safety, health, and lifestyle issues. Multiple case studies will be used to exemplify the above concepts throughout the course as well as hands-on sketch problems at the conclusion of class. The ability to provide full-scope services will be “icing on the cake” to your customers. You will also learn the history of kitchen design; how to program the residential kitchen; configurations and critical dimensions; cabinet try and hardware; appliances; countertops and finishes; “green” kitchen principles; architectural issues related to kitchen design; and current trends in kitchen design.
F 9 AM–5 PM; 1 SESSION DEC 4
ABBY SCHWARTZ, ARA
7 AIA/HSW LU’S
PMPD 714 $305

Tidal Wetlands
Tidal wetlands are regulated by Article 25 of the New York State Environmental Conservation Law. Examine the law and how it affects tidal wetlands in New York State. Tidal wetlands are defined by statute according to vegetation and those areas that border on or lie beneath tidal waters. The NYS DEC publishes official maps of mapped tidal wetlands. Permits are required for certain activities, including construction on tidal wetlands and within a 75-foot buffer zone. In New York State, substantial tidal wetlands exist on Long Island. Permits are also subject to SEQRA. Learn the definition of tidal wetlands; mapping of tidal wetlands; tidal wetland permits; interaction with SEQRA; and town and federal approvals.
TU 1–4 PM; 1 SESSION SEPT 8
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 996 $205

Walking Tour of West Harlem
The West Harlem walking tour provides an overview of the evolution of open space and architecture in Harlem, its construction methods, building codes, zoning resolution and other regulations, and their impact on the built environment. Analyze the various aspects of architecture and planning and its impacts on the community. Understand the historical building techniques of 19th-century New York, and examine the history of underlining land use of this upper Manhattan precinct. Review the major zoning and building code relevant for an aging building stock and experience several on-location 18th-, 19th-, 20th-, and 21st-century adaptations of architecture in West Harlem. One hour will be devoted to barrier-free accessibility design.

Please Note: To participate in the Walking Tour only, you can register for PMPD 617WT. No AIA/HSW LU’S, PDH’s given.

Recommended: Wear comfortable walking shoes
Registration deadline: Oct 16
SECTION 1:
F 9 AM–5 PM; 1 SESSION OCT 30
ROY PACHECANO, AIA; MICHAEL COGEN, AIA
7 AIA/HSW LU’S, 7 PDH’S
Waterproofing Foundations and Basements
Focus on the causes of water seepage and how to correct them. Choose from several viable options to fix the problem. Sump pumps are often used to pump out water from leaky basements, but may fail during storms due to power outages. Sump pump pits are a potential source of indoor air quality problems in basements. Learn how groundwater table rises during storms; types of foundation materials; grouting and repointing of the fieldstone foundations, cracks in concrete and how to fix them with hydraulic cement, when to replace the foundation, and how to install new water-tight basement floors and select materials.
M 1–4 PM; 1 SESSION NOV 23
LEONEL PONCE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 793 $205

Wind Energy Systems
Modern wind turbines, predominately in the megawatt class, generate electricity at a competitive cost compared to power fired from oil, gas, coal, or nuclear power without the resultant pollution problems. Explore available wind machines and their capabilities; the history of wind energy systems; modern wind machines; case studies of installations; and economics of wind energy systems. Calculations will be provided to enable engineers to size wind turbines with the electric load.
M 9 AM–12 PM; 1 SESSION DEC 7
DANIEL KARPEN, PE
3 AIA/HSW LU’S, 3 PDH’S
PMPD 983 $205

LEED® Certification Exam Prep Courses
LEED® for Green Associate PLUS Page 49
LEED® v4(BD+C) New Construction v4, Core and Shell v4, and K–12 Schools Page 50
Students will learn how to design and operate resilient, net-zero energy and carbon-neutral buildings and infrastructure. They will understand the fundamentals of global warming and climate change and how techniques such as resilient design and passive house principles can shape a new world, and how their designs can contribute to the environment rather than detract from it.

Join the program and become a cutting-edge designer/manager able to solve the problems of the world and your clients!

Why Choose Pratt Institute?
- For more than a century, Pratt Institute has combined the practice of art and practicality by educating artists and designers in its traditional art, design, and architecture classes at the undergraduate, graduate, and professional levels.
- This program brings Pratt and you to a new level and a new world of art and design.
- Learn about the driving forces that are changing your clients’ needs and about the tools needed to meet those challenges and design a sustainable world. Become part of the solution and help your clients and businesses succeed in a carbon-constrained world.

VA Benefits for Certificate Program
This program is approved for veterans and other eligible persons under the GI Bill for education. Contact the Department of Veterans Affairs at 1.888.Gi BILL1 (1.888.442.4551), or www.gibill.va.gov regarding eligibility. Contact Perry Han at phan@pratt.edu.

Application Fee
$100, non-refundable

Certificate Requirements
The certificate program requires the successful completion of all seven courses, which totals 49 hours of study.

REQUIRED COURSES: SEVEN
- PMPD 600 Climate Change Fundamentals for Design and Management Professionals
- PMPD 601 Designing and Renovating Carbon Neutral Buildings
- PMPD 602 Performance Modeling for Carbon Neutral Buildings
- PMPD 603 Sustainable Standards for Buildings and Infrastructure—LEED®, BREAM, Energy Star
- PMPD 605 New Technologies—Smart Grid and Smart Buildings
- PMPD 606 Capstone Project—Sustainable Building and Infrastructure Design and Management
Recommended for
Architects, engineers, interior designers, urban planners, facilities and construction management professionals, contractors, and government agency professionals.

Courses

Capstone Project—Sustainable Building and Infrastructure Design, and Management
This seminar serves as the capstone project for the Certificate in Sustainable Building and Infrastructure Design, and Management. Requirements include the completion of two in-class projects, involving the design of sustainable buildings and infrastructure.

Please Note: Class projects involve retrofitting, renovating, or the new construction of residential or commercial buildings or other major projects, including new municipal facilities such as ports and terminals. Projects must utilize green standards and green technologies to meet the mitigation and adaptation levels needed to combat climate change.

Students can alternatively explore a career change into a green field by preparing a paper on the field, completing a series of exploratory informational interviews, and presenting a PowerPoint to the class.

Prerequisites: For students in the certificate program, prerequisites include Climate Change Fundamentals or Carbon Neutral Design and three additional program courses.

SA 9 AM–5 PM; 1 SESSION DEC 12
TONY GELBER, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 601 $305

Climate Change Fundamentals for Design and Management Professionals
Design professionals will gain the basic tools needed to begin designing resilient, net-zero, carbon-neutral buildings, interiors, products, transportation, and cities. Learn how to measure and mitigate the carbon footprint, analyze and adapt to climate change risk, and attain carbon-neutral/net-zero designs.

Students will use commonly available tools to measure greenhouse gases and energy, develop a greenhouse gas inventory, and write a Climate Action Plan. Standards addressed include the College and University Presidents Climate Change Commitment, NYC Standards, and the Kyoto Protocol.

Please Note: Students will conduct a green design charrette using these and LEED® standards.

SA 9 AM–5 PM; 1 SESSION SEPT 19
TONY GELBER, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 604 $305

Designing and Renovating Carbon Neutral Buildings
You will be trained how to design and renovate resilient, net-zero/carbon-neutral buildings, as well as how to measure and estimate energy use and greenhouse gas emissions. Design to reduce energy and greenhouse gases in both embedded and operational aspects, adapt structures to the effects of climate change, and learn which software tools are needed.

Please Note: Examine case studies of leading net-zero/carbon-neutral buildings; in South London and NYC; design charrette for a carbon neutral building (in class); new construction; green your design team; brainstorm problems and solutions; set criteria for design decision making; design carbon neutral building systems; design charrette for a carbon neutral building (in class); major renovations: analyze footprint of existing building; set design criteria for the renovation; and design a carbon neutral renovation.

SA 9 AM–5 PM; 1 SESSION OCT 17
TONY GELBER, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 601 $305

Students will attain an essential skill set: how to perform energy and greenhouse gas audits and comply with NYC LL 87, Audits and Retro-commissioning. Based on the audits, students will develop a capital plan for their building to achieve the desired greenhouse gas and energy savings. Tools used will include simple paybacks, energy calculations, and ASHRAE Level 1, 2 and 3 audit techniques.

SA 9 AM–5 PM; 1 SESSION NOV 14
TONY GELBER, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 604 $305

New Technologies—Smart Grid and Smart Buildings
Gain an overview of new technologies and how they can be applied to achieve resilient, net zero/carbon neutral design. Technologies include the smart grid and components, smart buildings and the relationship to the smart grid, microgrids and new technologies associated with building systems including lighting and controls, HVAC systems, building envelope design and solar and geo-thermal systems.

Students will explore simple schematic design of these systems and components, and how to apply them to their practices.

SA 9 AM–5 PM; 1 SESSION OCT 3
TONY GELBER, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 604 $305

Performance Modeling for Net Zero/Carbon Neutral Buildings
Learn how to predict and evaluate building and infrastructure performance and comply with NYC LL 84 using software programs such as Portfolio Manager, PV Watts, MIT Design Advisor, and Comcheck and Rescheck. Discover how to predict, track and reduce energy gases using these tools to achieve near net-zero or carbon-neutral projects. International award-winning peak performing buildings will be reviewed.

Please note: You will work in groups and perform mini charrettes to see how design changes affect performance. Simulate performance of different systems such
as lighting, heating, cooling, ventilation, plug; and solar, wind, and geothermal.
SA 9 AM–5 PM; 1 SESSION NOV 7
TONY GELBER, LEED®️, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 602 $305

You will attain knowledge of "green" standards necessary to design and manage sustainable buildings and infrastructure, and meet the needs of your clients. Obtain an overview of green standards, including basic building codes, Net Zero Energy, Passive Haus, EPA Energy Star, and LEED®️; and "green" professional certifications.
SA 9 AM–5 PM; 1 SESSION DEC 5
TONY GELBER, LEED®, AP
7 AIA/HSW LU’S, 7 PDH’S
PMPD 603 $305
All 10 courses in this series are taught by Dale Paegelow, AIA, RA, NCARB at Pratt SCPS, and they are AIA approved for continuing education. No matter what state you live in, you will earn credit as a licensed architect or engineer by taking continuing education courses. What if you also practice home inspections under your license as an architect or engineer in the State of New York or the State of Connecticut? All of Dale Paegelow’s courses have reciprocity with Connecticut for licensed home inspectors, architects, and engineers, and are approved by the State of New York, as well as for licensed home inspectors. For example, you can take *Residential Electrical Systems and How to Evaluate Them Holistically* at Pratt and receive AIA credit in any state (say New York). Plus you can submit your transcript to Connecticut and the State of New York and earn continuing-education credits toward your Home Inspection licensing requirements in these states. You will have attended one course and received credit from two states. This is also true for Home Inspection National Organizations such as ASHI or Inter-NACHI. Thus, completion of one of Paegelow’s courses will earn LU/PDH credit in three places: New York, Connecticut, and ASHI.

Please Note: The tuition for the first nine courses listed includes one required textbook.

Paegelow is an alumnus of Pratt Institute.

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**Learn How to Holistically Evaluate Residential Air Conditioning and Heat Pumps**

Focus on what makes air conditioning and heat pumps function correctly. Discover how to conduct the air conditioning and heat pumps system inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public are the preservation/reuse of existing facilities, rightsizing equipment, space zoning, smart controls, geo-exchange, mass absorption, natural materials, materials selection and embodied energy, alternate energy, life cycle assessment, systems tune-up, thermal bridging, radiant heating and cooling, natural ventilation, cavity walls for insulating airspace, deconstruction and salvaged materials, and staff training.

M 9 AM–5 PM; 1 SESSION NOV 23
7 AIA/HSW LU’S, 7 PDH’S
PMPD 680 $355

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**Residential Chimney and Wood Heating and How to Evaluate Them Holistically**

Learn what makes chimney and wood heating function correctly, and examine how to conduct the chimney and wood heating system inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities, rightsizing equipment, smart controls, natural materials, materials selection and embodied energy, alternate energy, life cycle assessment, systems tune-up, deconstruction, energy modeling, energy source ramifications, energy saving appliances and equipment, salvaged materials, high-efficiency equipment, and staff training.

M 9 AM–5 PM; 1 SESSION NOV 30
7 AIA/HSW LU’S, 7 PDH’S
PMPD 681 $355
How to Holistically Evaluate Residential Electrical Systems
Focus on what makes electrical systems function correctly, and learn how to conduct an electrical system inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities, including rightsizing equipment, building orientation, daylighting, natural ventilation, smart controls, and efficient artificial lighting.
Explore service drop and service laterals; service box and service size; grounding and bonding; distribution panels; 240-volt and multi-wire circuits; introduction to branch circuit wiring; knob and tube wiring and aluminum wiring; lights; outlets and ground fault circuit interrupters; smoke detectors; and inspection procedures and tools.
W 9 AM–5 PM; 1 SESSION DEC 2
7 AIA/HSW LU’S, 7 PDH’S
PMPD 682 $355

How to Holistically Evaluate Residential Exteriors
Focus on what makes exteriors function correctly, and discover how to conduct the exteriors inspection component of a home inspection under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities, including rightsizing equipment, building orientation, windows and openings, natural ventilation, smart controls, and efficient artificial lighting.
Explore architectural styles; brick, stone, stucco, and concrete problems; wood, hardwood, and OSB siding problems; metal and vinyl siding problems; slate shingles; asphalt shingles; wood/soil contact and exposed foundations; soffits and fascia; doors and windows trim; flashing and caulking; gutters and downspouts; flat roof drainage; retaining wall problems; garage and carports floor and doors; and basement walk-outs.
F 9 AM–5 PM; 1 SESSION DEC 4
7 AIA/HSW LU’S, 7 PDH’S
PMPD 683 $355

Residential Gas and Oil Furnaces and How to Evaluate Them Holistically
Focus on what makes gas and oil furnaces function correctly, and learn how to conduct the gas and oil furnaces system inspection component of a home inspection under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities including rightsizing equipment, smart controls, and energy saving appliances and equipment.
Explore the introduction to gas furnaces; gas piping, combustion air, gas burners, heat shields, heat exchangers, cabinets, fan controls, thermostats; dating furnaces; vent connectors, blowers, air filters, ducts and registers, leaky ducts; conventional furnaces, mid-efficiency furnaces, high-efficiency furnaces, gravity furnaces; oil heating systems, oil tanks, oil burners; and standards of practice.
M 9 AM–5 PM; 1 SESSION DEC 7
7 AIA/HSW LU’S, 7 PDH’S
PMPD 684 $355

Residential Insulation and How to Evaluate It Holistically
Focus on what makes insulation function correctly, and learn how to conduct the insulation system inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities, rightsizing equipment, smart controls, geo-exchange, mass absorption, materials selection and embodied energy, alternate energy, life cycle assessment, systems tune-up, thermal bridging, radiant heating and cooling, natural ventilation, and cavity walls for insulating.
W 9 AM–5 PM; 1 SESSION DEC 9
7 AIA/HSW LU’S, 7 PDH’S
PMPD 685 $355

Residential Interiors and How to Evaluate Them Holistically
Focus on what makes interiors function correctly, and discover how to conduct an interiors inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public is the building form preservation/reuse of existing facilities, rightsizing equipment, space zoning, open active daylight spaces, smart controls, windows and openings, natural materials, materials selection and embodied energy, alternate energy, life cycle assessment, systems tune-up, natural ventilation, deconstruction and salvaged materials, efficient artificial lighting, daylighting, natural ventilation, and staff training.
F 9 AM–5 PM; 1 SESSION DEC 11
7 AIA/HSW LU’S, 7 PDH’S
PMPD 686 $355

Residential Plumbing and How to Evaluate It Holistically
Focus on what makes plumbing function correctly, and learn how to conduct the plumbing system inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities including rightsizing equipment, smart controls, geo-exchange, water conservation, materials selection and embodied energy, alternate energy, life cycle assessment, systems tune-up, radiant heating and cooling, and energy-saving appliances and equipment. You will receive an overview of private and public water sources; public water sources; shut-off valves and supply piping distribution; water heaters: components and features, plus other water heaters; piping materials and their characteristics.
M 9 AM–5 PM; 1 SESSION DEC 14
7 AIA/HSW LU’S, 7 PDH’S
PMPD 687 $345

Residential Roofing and How to Evaluate It Holistically
Study what makes roofing function correctly, and learn how to conduct the roofing system inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities, rightsizing equipment, space zoning, smart controls, windows and openings, natural materials, materials selection and embodied energy,
Residential Steam, Electric, Floor, Wall Heat plus Hot Water Boilers and How to Evaluate Them Holistically

Focus on what makes steam, electric, floor, wall heat plus hot water boilers function correctly. Learn how to conduct a steam, electric, floor, wall heat plus hot water boilers system inspection component of a home inspection, under the appropriate professional licenses. Benefiting the public is the preservation/reuse of existing facilities, rightsizing equipment, smart controls, natural materials, materials selection and embodied energy, alternate energy, life cycle assessment, systems tune-up, deconstruction, energy modeling, energy source ramifications, energy-saving appliances and equipment, salvaged materials, high-efficiency equipment, and staff training.

Two required textbooks are included with this course.

F 9 AM–5 PM; 1 SESSION DEC 18
7 AIA/HSW LU’S, 7 PDH’S
PMPD 689 $385

alternate energy, life cycle assessment, systems tune-up, thermal bridging, radiant heating and cooling, natural ventilation, building orientation, deconstruction and salvaged materials, sun shading, and passive solar collection opportunities.

Explore roofing inspection; asphalt shingle conditions; damaged roofing and ice dams; various roofing materials and various types of flashing.

W 9 AM–5 PM; 1 SESSION DEC 16
7 AIA/HSW LU’S, 7 PDH’S
PMPD 688 $355
Pre-College Programs

High school sophomores, juniors, and seniors will have an invaluable opportunity to sharpen their portfolios and get a taste of college life while earning college credits. Scholarships are available in the Summer Program. The summer program is offered on the Brooklyn campus. The fall and spring weekend program is offered on the Manhattan campus. Pre–college summer students select their program “major”—modeled after Pratt’s undergraduate offerings—by choosing one of the elective course titles from the list below. All summer students will be automatically enrolled in the corresponding supplemental courses: a two-credit Foundation Art course, or Writing Foundation for Creative Writing and Cultural Studies students; as well as the non-credit components: Art History and Portfolio Development. Students have the unique opportunity to explore these disciplines while developing their skills and building portfolios for college admission. Pre–college courses that are offered for credit are offered at a substantial discount over regular Pratt tuition.

Fall 2015
Pratt Manhattan Campus,
September 12–December 20

Saturday and Sunday Program
Pratt introduces high school sophomores, juniors, and seniors to the professional world of architecture and art and design with our weekend Pre–College Program located on our Manhattan campus.

Registration Deadline
September 4
After that date, registrations are contingent upon space availability.

Courses

Architecture
Learn to create the structures in which we live and work in this studio course. Develop solutions to a series of architectural problems through hands–on work including sketches, drawings, and models as you study the fundamental principles of architectural design and produce work toward building a portfolio.

Materials fee: $20 paid to the instructor at first class.
SA 9:30 AM–1 PM; 12 SESSIONS SEPT 12–DEC ’19
ARCH 100S–01 2 CREDITS $863

Architectural Design Studio
This course builds on the teachings from the two-credit Architecture course. Explore a major design problem to develop different solutions, working closely with your instructor. Incorporate basic notions on defining space, form, and how architecture communicates, while developing solutions through drawings and models. Produce work toward building a portfolio. This course must be taken in conjunction with or after the two-credit Architecture course.

Materials fee: $20 paid to instructor at first class.
SA 1:30–4:30 PM; 9 SESSIONS SEPT 12–DEC ’19
PMPC 107 NON-CREDIT 2.7 C.E.U.’S $425

Art and Design Discovery
NEW
Experience diverse disciplines in the field art and design; delve into 2D and 3D techniques as you sample areas of study such as fine arts/painting and drawing, graphic design, and industrial design in this interdisciplinary course. Perfect for students interested in investigating all aspects of art and design.

SA 1:30–5 PM; 12 SESSIONS SEPT 12–DEC ’19
FDN 103S–01 2 CREDITS $863
Creating Worlds: Intro to Fiction
From the fantastical design of dystopia to the cultural anthropology of realism, story worlds are built. Investigate the concept of world building as a point de départ, leading to a larger exploration of the many dimensions of literary craft. Identify the ways in which authors play with, transgress at, and stretch the boundaries of “reality” with innovative story rules and author creations. Learn the basics of fiction writing while looking to literary pop culture for inspiration and discussion, and refining writing samples to enhance your own writing portfolio.
SA 1:30–4:30 PM; 12 SESSIONS SEPT 12–DEC 19
WR-104SP 105 2 CREDITS $863

Digital Illustration in Motion NEW
Explore visual storytelling by creating moving images that communicate new ideas for commercial purposes. Enter the exciting world of motion, using cutting-edge tools to make your narrative ideas visually tangible. Develop illustration skills while experimenting with digital animation, and incorporating your own style using Adobe Illustrator, Photoshop, and After Effects.
SA 1:30–5 PM; 12 SESSIONS SEPT 12–DEC 19
COMD 101S 01 2 CREDITS $863

Digital Imaging and Photography
Learn the basics of digital imaging: scanning, shooting with a digital camera, using graphic software, and various forms of manipulating and outputting images. Using primarily Adobe Photoshop and Lightroom, students will develop imagery and improve conceptual and technical skills, while incorporating art elements and the principles of design. Familiarity with computer is helpful, but not necessary. Students must have access to a digital camera.
SU 1–4:30 PM; 12 SESSIONS SEPT 13–DEC 20
PHOT 106S 2 CREDITS $863

Fine Arts: Painting and Drawing
Develop skills in perceptual and aesthetic awareness, and expand visual memory, vocabulary and technical skills through the creation of fine art. Learn to translate
the three-dimensional world to a two-dimensional surface using different drawing and painting techniques, media and subject matter. Learn to cultivate an effective studio practice; produce works to include in your portfolio. The studio practice is supplemented by an introduction to contemporary and historical artists.

Note: Nude figure drawing included.

SA 1:30–5 PM; 12 SESSIONS SEPT 12–DEC 19
FAU 100S 2 CREDITS $863

Fine Arts Studio Practice

This course builds on the teachings from the two-credit Fine Arts course. Expand your conceptualization and technical skills of drawing and painting through in-depth studio practice and critique. The skills gained from this course are applicable to other art and design fields. Complete works toward your portfolio. This course must be taken in conjunction with or after the two-credit Fine Arts course.

SA 9:30 AM–12:30 PM; 9 SESSIONS OCT 3–DEC 19
PMPC 116 NON-CREDIT 2.7 C.E.U.’S $425

Foundation Art

Explore the fundamental concepts of composition in art and design, such as color, shape, line, and movement for application to drawing, painting, and three-dimensional work. Expand your aesthetic awareness and visual language; develop your conceptual and technical skills; and learn to use various media through hands-on projects and critiques. Produce at least four finished works toward your portfolio. Modeled after Pratt’s first-year Foundation program, this course provides a basis for further study. Class work may be supplemented with field trips to museums and galleries.

Note: Nude figure drawing included.

SU 1:30–5 PM; 12 SESSIONS SEPT 13–DEC 20
FDN 100S 2 CREDITS $863

Graphic Design

Explore what makes a design successful, and investigate the role of design and the designer in meeting the demands of an ever-changing society. Learn design tools, principles, and methods to produce unique and memorable graphic work. Create professional logo, website, poster, and packaging designs which culminate in successful branding. Typography, photography, and illustration are incorporated in visualizing your ideas, along with the introduction and application of state-of-the-art computer graphics.

SA 9:30 AM–1 PM; 12 SESSIONS SEPT 12–DEC 19
COMD 105S 2 CREDITS $863

Industrial Design

Create objects that meet the everyday needs of society. This elective examines how embracing today’s social, physical, and ecological needs presents opportunities for creative design. Through drawing and model making, students explore, challenge, and redefine the forms and inventions with which we live.

SU 1–4:30 PM; 12 SESSIONS SEPT 13–DEC 20
IND 101S 2 CREDITS $863

Interior Design

Optimize the space in which we live. This elective course centers on the impact of the interior space on the individual, as well as various groups, by working with the classic elements of light, color, form, and space. Projects include drafting, rendering, and model-making.

SA 9:30 AM–12:30 PM; 12 SESSIONS SEPT 12–DEC 19
INT 101S 2 CREDITS $863

Portfolio Development

Your portfolio is the key to success in being admitted to leading accredited art and design schools. Prepare the best presentation and portfolio for getting into the college of your choice. Develop the necessary skills toward building and presenting a personal, thoughtful, and technically proficient portfolio. Please bring examples of your work, an 18” x 24” all-purpose drawing pad and soft vine charcoal to the first class.

Note: Nude figure drawing included.

SECTION 1:
SU 9:30 AM–12:30 PM; 10 SESSIONS SEPT 13–DEC 20
SECTION 2:
SU 1–4 PM; 10 SESSIONS SEPT 13–DEC 20
PMPC 114 NON-CREDIT 3.0 C.E.U.’S $445

Tuition

$863 per two-credit course; $425 for a 9-session, non-credit course; $445 for a 10-session, non-credit course.

Registration Fee

$25 per semester. Please also see fees under individual courses, when applicable.

PRATT PREVIEW

NEW

Fall 2015

If you cannot immerse yourself in a full course of study this semester through our Pre-College program, Pratt Preview is a shorter workshop program for high school students wanting to pursue the basics of an art course. It provides aspiring young artists with the opportunity to come and learn skills that they may not have access to in the day-to-day high school art class. Students will develop works ready to be placed in their portfolio in preparation for college.

Pratt Preview is non-credit and runs for six weeks, once a week. The courses are listed below:

Fashion Sketching

An essential part of becoming a fashion designer is learning how to first construct your designs on paper before bringing them to life in fabrication. Students will learn the intriguing art and style of the fashion croquis, including design, color choice, and how fabric appears on the page. At the end of this course, students will have three portfolio pieces.

TH 6–8 PM; 6 SESSIONS SEPT 24–OCT 29
ADRIENNE JONES
XAFA 201 NON-CREDIT $360
Evolving Photography

Part of any photographer’s profession is the retouching and manipulating of their taken images, reconstructing them into something more. Beyond the realm of the film lens and into the world of digital, students will learn how to create new and innovative pieces by manipulating their photographs. This course will allow students to have three to five pieces ready for their portfolio.

W 6–8 PM; 6 SESSIONS SEPT 23–OCT 28
FEDERICO SAVINI
$360

Introduction to Figure Drawing

Composition, scale, and anatomy are just a few things any artist needs to understand to be successful—whether designing on a computer or on a canvas. Working with a live model, students will learn fundamentals of observational drawing beyond the still life and further their exploration into the art world. At the end of this course, students will have three pieces completed and portfolio-ready.

SA 1:30–3:30 PM; 6 SESSIONS SEPT 19–OCT 24
MARIO NAVES
XAP 201 $375

Fiction Writing Workshop

One of the most important aspects of a writer’s life is critique. But to a new writer, this can be a daunting task. In this course, students will learn how to edit and give feedback on works while focusing on the craft (style, tone, point of view, tempo, etc.) and not just personal opinions of whether or not they liked it. Students will also be given weekly prompts in which they will get a chance to create new works and have their peers respond to it. By the end, each writer will have two to three final drafts to put into their portfolio.

TU 1–3 PM; 6 SESSIONS SEPT 22–OCT 27
CECILIA MUHLSTEIN
XAW 201 $355

Elements of Design

The basis of both interior and industrial design is the exploration of the use of planes, volume, and line to gain understanding of form, space, and dominance. Through these elements, students will begin to build skills in fabrication, craftsmanship, and the basic vocabulary of designers. Working with studio materials and found objects, they will build upon their knowledge of design and have one completed project for their portfolio by the end.

M 6–8 PM; 6 SESSIONS SEPT 21–OCT 26
TIM MACKEN
XDID 200 $360

Spring 2016
Pratt Manhattan Campus, January 30–May 1, 2016

For more course information, please see Fall 2015 Pre-College Weekend Program, page 61–63.
Pratt Health Coverage: Health insurance is required for all students attending the Pre-College Program. If a student is not currently covered, a short-term policy with variable costs is available.

Transportation Fee:
Local Transportation Fee* $112
Brooklyn Only—30-day MetroCard of unlimited access
* Prices subject to change.

Deadlines for Summer 2016 Pre-College
March 14
Scholarship deadline.

April 1
The completed application forms, along with the $40 application fee and a non-refundable $100 deposit, are due. After this date, applications will be accepted only if there is space available in the program. Since many classes fill quickly, we strongly encourage you to apply early in order to get your first choice for your elective course.

April 25
International Student Forms are due (for visa).

May 1
Full payment of all tuition and fees is due. Subtract your deposit from the total due. You will receive confirmation within two or three weeks of our receipt of your deposit.

May 15
$40 late fee if full payment is not received.

June 1
Late application deadline.

June 15
$100 late fee if full payment is not received.

Cancellation and Refund Policy
Before June 1
Refund of payments made minus the $40 application fee and the $100 deposit.

Between June 1 and June 25
50% refund minus the $40 application fee and the $500 deposit.

As of June 25
No refund for any reason.

Fall or spring students can enroll in one or more courses of their choice; weekend courses run once a week for 10 to 12 weeks. Please see details below.

For More Information
Email us at precollege@pratt.edu.
Visit our website at www.pratt.edu/precollege.

Manhattan
855.551.7727

Brooklyn
718.636.3453

Program Director
To be announced

Acting Program Coordinator
Jennifer Tripp

Information Specialists, Brooklyn
Veronica Darby
Joindell Wilson
Summer Credit Intensive students are just like you: motivated students planning to satisfy art and/or elective requirements; or creative individuals interested in developing new skills while enjoying the many rich, diverse, and exciting arts and cultural opportunities that New York City has to offer. Open to adult learners (19 years or older) as well as college students from other schools. Unless otherwise noted, most courses are held on the Pratt Manhattan campus at 144 West 14th Street. For specific course times, please contact Program Director Joelle Danant at jdanant@pratt.edu.

Summer 2016 Schedule
Session 1: (5 weeks) May 31–June 30
Session 2: (5 weeks) July 5–August 4

Courses

Architecture Intensive
This course serves as an introductory exposure to the field of architecture and 3D design processes. Course content will be emphasized through a combination of lectures, studio exercises, and projects including sketching, drafting, and model building. Students cultivate basic technical skills and develop an understanding of spatial relationships and structures as well as acquire knowledge of professional practices in the field.
SESSION 1:
ADAR 205-01; M-T-W-TH
3 CREDITS
SESSION 2:
ADAR 205-02; M-T-W-TH
3 CREDITS

Digital Photography Intensive
Fast-forward into utilizing digital capture and editing at a professional level. Whether you are a photographer, painter, illustrator, designer, or an amateur/enthusiast, this course will cultivate your digital editing skills while also enhancing aesthetic awareness of composition, movement, light, and shade. Projects are geared to address the students’ individual goals with digital photography, complementing personal and career objectives. Students must provide their own digital SLR camera.
SESSION 1:
ADDP 205-01; M-T-W-TH
3 CREDITS
SESSION 2:
ADDP 205-02; M-T-W-TH
3 CREDITS

Drawing Intensive
Explore the fundamentals of drawing as a descriptive and expressive medium. Create symbolic representations of objects while strengthening hand-eye coordination and understanding of spatial relationships. Students will develop individual drawing skills through historic references, direct visual observation, and hands-on practice with a variety of materials and techniques.
Fashion Design Intensive (Brooklyn Campus)
This course offers an introduction to the workings of the fashion studio. Explore fundamental aspects of fashion design, inspiration, and terminology. Through hands-on experience, students gain knowledge of sketching, collection development, beginning patternmaking, and the fundamentals of clothing construction. Weekly field trips to Manhattan to industry exhibits and designer showrooms will enhance the depth of learning.

SESSION 1:
ADFD 205-01; M–T–W–TH
3 CREDITS
SESSION 2:
ADFD 205-02; M–T–W–TH
3 CREDITS

Fine Arts Intensive
Develop skills of observation and expression through visual media. This intensive fosters the development of conceptual as well as technical skills. Course content will include instruction in drawing, and painting using a variety of techniques, media, and subject matter, enhancing students’ perceptual and aesthetic awareness through the creation of fine art.

SESSION 1:
ADFA 205-01; M–T–W–TH
3 CREDITS
SESSION 2:
ADFA 205-02; M–T–W–TH
3 CREDITS

Graphic Design Intensive
Cultivate visual communication skills for industry application; gain knowledge of design tools, principles, and methods to produce unique and memorable graphic work; create professional logo, website, poster, and packaging designs that culminate in successful branding. Students will develop an understanding of theoretical concepts through lectures and hands-on practice, gain knowledge of professional practices in the field, and begin to build their own portfolio.

SESSION 1:
ADGD 205-01; M–T–W–TH
3 CREDITS
SESSION 2:
ADGD 205-02; M–T–W–TH
3 CREDITS

Illustration Intensive
Explore visual storytelling by creating images that communicate new ideas for commercial purposes, combining both traditional and digital illustration to produce a professional-level portfolio. Maximize your full creative expression by developing technical and artistic skills, from drawing through life studies to skillfully using software such as Photoshop for creating images. Examine current and future styles and directions generated by the digital world in the illustration field.

SESSION 1:
ADIL 205-01; M–T–W–TH
3 CREDITS

Interior Design Intensive
This course is an intensive overview of the professional world of the interior designer. Explore the resolution of basic interior design problems in the context of human and environmental factors. Understand and use the elements of color, form, light, texture, and space along with the principles of design, such as scale and proportion, through hands-on studio work, lectures, discussions, and extensive critique. A class discourse on the history and contemporary practices in the field, as well as the relationship between design and society, will further inform the student’s learning experience.

SESSION 1:
ADIT 205-01; M–T–W–TH
3 CREDITS
SESSION 2:
ADIT 205-02; M–T–W–TH
3 CREDITS

Photography Intensive
The photograph as a fine art print is the focus of this studio course. Using a 35mm camera, study the art and techniques of classic darkroom photography, including lighting and shooting techniques and darkroom procedures. Explore exposing and developing film, making contact prints, and enlarging and finishing photographs. Complete works toward your portfolio. Color and digital photography will be introduced. Extensive fieldwork is an integral part of this studio. Please bring your own 35mm camera. The skills gained from this class are applicable to film and digital photography work.

SESSION 1:
ADPH 205-01; M–T–W–TH
3 CREDITS
SESSION 2:
ADPH 205-02; M–T–W–TH
3 CREDITS

Sustainability by Design
This course offers an introduction into sustainability-related challenges as well as effective sustainability practices. Develop an understanding of the principles of sustainability and interdependence of the environment, the economy, and social systems that can help us learn to make the changes necessary to become effective stewards of natural resources and the environment. Topics include: principles of ecology and systems thinking, concepts of climate change, environmental risks and toxicity, the real costs of manufacturing, life cycle assessment, designing for disassembly, and bio-mimicry.

SESSION 1:
ADSD 205-01; M–T–W
3 CREDITS
SESSION 2:
ADSD 205-02; M–T–W
3 CREDITS
To Register
Telephone
855.551.7727 or 718.636.3712

Website
www.pratt.edu/scps-cf15

Email
prostudy@pratt.edu

Program Director
Joelle Danant, jdanant@pratt.edu

Tuition and Fees
Due upon registration:
Tuition: $4,149 (per each 3-credit course, 1-credit courses = $1,383 each)
Registration fee: $35 (non-refundable)
Studio/Lab fees (where applicable)
Digital Photo fee: $60
Fashion Design fee: $25
Graphic Design fee: $50
Photography Lab fee: $135

Registration Schedule 2016
Session 1: May 19
Session 2: June 30
Early registration is encouraged; after the deadlines, students may be admitted only if space remains in their selected course.

Contact Us
Pratt Institute | School of Continuing and Professional Studies (SCPS)
For general information, please call 212.647.7199.
Email: prostudy@pratt.edu
Program Director: Joelle Danant, jdanant@pratt.edu

Course Cancellation Policy
All courses are subject to minimum enrollment. When courses are cancelled by Pratt for any reason, you may transfer to another course or receive a full refund. Pratt Institute reserves the right to cancel any class for which there is insufficient enrollment and to withdraw or modify course offerings. Course location, fees, and instructors may also be changed when necessary.

Withdrawal Policy
Withdrawal or refund requests cannot be made by telephone or through the instructor. Withdrawals and refunds are computed from the date and time written or electronic notice of withdrawal is received. Requests can be faxed, emailed, or mailed to the Program Director:

• 2 business days before first meeting:
  100% tuition refund (minus the $35 registration fee)
• 2 business days before second meeting:
  80% tuition refund (minus the $35 registration fee)
• 2 business days before third meeting:
  60% tuition refund (minus the $35 registration fee)
• 2 business days before fourth meeting:
  40% tuition refund (minus the $35 registration fee)

Please Note: There will be no refunds for any reason after the fourth class meeting.

Pratt Institute Housing Information
Housing is not available on the Pratt Manhattan Campus. However, there is limited first-come, first-served housing available on the Pratt Brooklyn campus for additional housing fees via Pratt’s Office of Residential Life and Housing (RLH). The Pratt Institute RLH Summer Housing contact person is Jason LeConey, Assistant Director, Housing. You may contact him directly at 718.399.4555 and at jleconey@pratt.edu.
The Associate Degree program is concise, comprehensive, and demanding. It offers students the choice of an intensive two-year career (A.O.S.) or transfer (A.A.S.) track education. Located in Manhattan at 144 West 14th Street, third floor, these programs integrate the best of new technologies with a strong commitment to the traditional art and design curriculum.

**A.O.S. Degrees**
- Digital Design and Interactive Media
- Graphic Design
- Illustration

**A.A.S. Degrees**
- Graphic Design/Illustration
- Painting/Drawing

**Associate of Occupational Studies (A.O.S.)**
With degrees in Graphic Design, Illustration, and Digital Design and Interactive Media, the A.O.S. Degree program grants a professional degree designed for high-school graduates and adults with or without previous college experience. This is an intensive, two-year, art- and design-based curriculum, offering students a strong foundation in design, along with capstone courses, internship opportunities, and a professional portfolio upon graduation. The program attracts highly motivated students who, upon completion, move quickly into the fields of advertising, illustration, web and CD-ROM design, digital video, package design, and publishing.

**Associate of Applied Science (A.A.S.)**
With degrees in Graphic Design/Illustration and Painting/Drawing, the A.A.S. degree is a pre-professional program providing the student with the first two years of a four-year B.F.A. course of study. Upon completion, students graduate with an A.A.S. degree and have the option of entering an art profession, or applying for transfer into a four-year B.F.A. program at Pratt, or another school of choice. The program offers a strong foundation, advanced-level art and design courses, as well as a liberal studies component, all combined to create a comprehensive transfer degree.

These programs feature small classes, personal instruction, and critiques, designed to maximize the student’s creative potential. The faculty consists of New York’s leading professionals, who bring to the classroom the highest standards in their fields.

Internships provide invaluable professional experience and affiliations while students complete the program. Financial aid is available to qualified part-time students who take between 6 and 11 credits per semester. Part-time students may participate fully in Pratt programs and activities.

The primary requirement for entrance is a portfolio review, which is an opportunity to discuss your work, your career aspirations, and the many professional opportunities that are available. If you do not have a portfolio, you may submit a home examination. Please call the department for details at 212.647.7375.

**For More Information**
Visit our website at www.pratt.edu/AOS, or call the Office of Admissions at 718.636.3669 or 3514 for a catalog and application. You may also apply online. For specific program information or to make an appointment to tour the facilities, call 212.647.7375, or email aos@pratt.edu.

Dean, School of Art
Gerald Snyder

Chair
Susan Young

Assistant to the Chair
Chandra Singh

3D Technician
Zach Whitehurst

Telephone
212.647.7375

Fax
212.367.2480

Website
www.pratt.edu/AOS

Email
aos@pratt.edu
SCHOOL OF CONTINUING AND PROFESSIONAL STUDIES

Manhattan Campus Office
144 West 14th Street, Room 209
Telephone: 855.551.7727
Fax: 212.367.2489
Email: prostudy@pratt.edu

Brooklyn Campus Office
200 Willoughby Avenue, ISC 205
Telephone: 718.636.3453
Fax: 718.399.4410
Website: www.pratt.edu/scps-cf15

Directions
Please visit the website for directions and suggested public transportation:

Pratt Manhattan
https://www.pratt.edu/the-institute/visit-pratt/maps-and-directions/directions-manhattan
Pratt Brooklyn
https://www.pratt.edu/the-institute/visit-pratt/maps-and-directions/directions

Certificate Program Completion Requirements
Choose the appropriate courses that will maximize your educational experience at Pratt’s School of Continuing and Professional Studies.

Within two weeks of completion of your certificate program, please contact Perry Han at prostudy@pratt.edu to request a program audit and to receive your final transcript and certificate of completion.

Classroom Assignments
Lab Time
The Pratt Manhattan W14 Computer Lab is open seven days a week and offers a robust selection of professional scanning, printing, and finishing options for students to utilize to complete assignments. Two hours of lab time is available per week for those taking 10 and 15 session courses. Students also receive additional floating lab time for the semester. Students must show their student IDs to gain entrance to the lab.

Make-up Classes
Make-up classes may be scheduled for a time other than your normally scheduled class time, such as a Saturday or Sunday.

Please contact the Manhattan office at 855.551.7727.

Continuing Education Units
All students receive continuing education units (C.E.U.s) upon successful completion of non-credit courses. C.E.U.s are nationally recognized units earned by participants in qualified continuing education programs, making it possible to document non-credit work completed. C.E.U.s are not equivalent to college credits. One C.E.U. is awarded for each 10 hours of participation. Continuing education courses in the School of Continuing and Professional Studies are not automatically attributed to Pratt Institute’s degree programs.

Corporate Billing
Purchase orders as well as Letter of Intent to pay must be submitted at time of registration. All Letters of Intent must be verified prior to first day of class.

Course Cancellation
All continuing education courses are subject to minimum enrollment. When courses are withdrawn or cancelled by Pratt for any reason, students may transfer to another course or receive a full refund. Pratt Institute reserves the right to cancel any class for which there is insufficient enrollment and to withdraw or modify course offerings. Course locations, fees, and instructors may also be changed when necessary.

Please Note: Allow 60 days for refunds to be processed.

Discounts
Discounts listed below apply to all continuing education courses, unless otherwise noted in the course description. The discount is computed on the actual tuition, minus the registration fee. Only one discount can apply, per semester.
Senior Citizens: Seniors 65 and older who present evidence of age at the time of registration will receive a 10 percent discount on non-credit courses.

Pratt Alumni: Alumni of Pratt degree programs automatically receive 10 percent discount on non-credit courses.

Pratt Full-Time Faculty and Staff: Pratt full-time faculty and staff may be eligible for tuition remission, excluding lab fees and the $10 registration fee per course, subject to the guidelines published by Human Resources, and are permitted to register only after sufficient registration has been attained by paid students.

Pratt Part-Time Faculty: Pratt part-time faculty members receive a partial credit for tuition, exclusive of fees, based on established guidelines available in the Human Resources office.

Corporate Training: Corporate discounts apply to three or more registrations from a company in the same section of a course or seminar. For further information about discounts, contact Maira Seara at 718.636.3775 or email mseara@pratt.edu.

Fees
Payment in full is due at the time of registration, for both non-credit and credit courses. Any student placed on a Bursar hold will not be able to register for any courses or receive transcripts and certificates until balance is paid in full. For questions about a Bursar hold, please contact William Carrero at 855.551.7727 or email wcarrero@pratt.edu.

Certificate Program
Application Fee: $100, non-refundable

Lab Fee: Students registering for 30-hour computer courses are required to pay a non-refundable facilities fee of $25 per course.

Please Note: All facilities fees are non-refundable.

Uncollectible Checks: A $25 surcharge will be imposed for processing.

OneKey Account Information
OneKey user names and passwords are necessary for all students and faculty of Pratt Institute. To get your OneKey user name and password, you must register.

Register Online
- Click on the Register and Pay link.
- Enter the course code in the Course Code field (PMPP 455, for example).
- You will be taken to the Payment Screens.
- A receipt will be emailed to you upon successful registration.

Your login and password are mailed to your street address. Allow 24 hours for processing, so register early to guarantee yourself a seat and start using your benefits.

Login
Your username will be your first initial, followed by your last name, for no more than eight characters total.

Password
Your initial password will be your student ID. Once in, you can change your password if desired.

Please Note: If you can't get in using the simple rules above, send an email to the Service Desk at helpdesk@pratt.edu, and give them your student ID number. They will send you back a way to get in.

How to use my.pratt.edu with your OneKey password: Visit my.pratt.edu and enter your OneKey username and password in the upper right side of the screen. See Web Services for the Instant Enrollment link.

Third-Party Billing
At the time of registration, students must submit a sponsorship/award letter from the third party in which the third party agrees to make payment for the student's tuition charges. Students must fill out and adhere to SCPS Third Party Billing Agreement. Anticipated third party payment does not relieve a student from any financial responsibilities to SCPS. If payment is not received from the third party, students will be held liable for all charges on their account.

Privacy
Pratt Institute is a private educational institution and does not share email addresses or any personal data with external resources. Instant Enrollment is a secure server—use this with confidence to pay for classes.

Student IDs and Visitor Passes
Semester Student Photo ID
Semester Photo IDs are required for students registered in semester-long courses, one to six day computer workshops, or lectures. In order to facilitate this process, please make arrangements to have your photo taken for your ID at least 30 minutes before your first class.

Manhattan Campus ID
IDs will be issued at the security desk located in the lobby. For additional information on hours for receiving IDs, please call Sharon Boddie at 212.647.7776 or email pmcsec@pratt.edu.

Brooklyn Campus ID
IDs will be issued at the security office located in the Engineering Building, first floor.

Visitor Pass
A visitor pass will be issued for students registered in short-term one to six-day seminars, workshops, or lectures. Photo IDs will only be issued as specified (see Semester Student Photo ID above).

Special Needs
Students with special needs must contact the office upon registration to make any necessary arrangements.
Refunds
Students who, for any reason, find it impossible to complete the course for which they are registered should inform the School of Continuing and Professional Studies (SCPS), in writing, that they wish to withdraw. Failure to complete the course does not constitute official withdrawal, nor does notification to the instructor. Lack of attendance alone does not entitle a student to a refund. Pratt cannot be responsible for providing make-ups or issuing refunds for programs missed as a result of illness, emergencies, or other events beyond our control. Withdrawals do not necessarily entitle the student to a refund of tuition and fees paid or the cancellation of tuition still due. See Withdrawal Policy.

Please Note: Allow 60 days for refunds to be processed.

Financial Aid
SCPS does not accept Financial Aid at this time, which includes the Continuing Education Loan Program (CEL).

Scholarship Information
For a directory of scholarship websites, please visit www.freescholarshipguide.com, or write to:

Free Scholarship Guide Inc.
132 E. 43rd Street, Suite 535
New York, NY 10017

Registration Deadlines
Registration deadlines for all courses are one week prior to course start dates, unless otherwise noted. Exceptions will be allowed based on space availability. We recommend that you register early.

Register Online
Non-credit online registration: www.pratt.edu/scps-cf15

Please Note: Online registrations will receive a confirmation via email.

Supply Lists
Some courses require supplies or textbooks to be purchased and/or brought to the first class. Please make sure to look for information about supplies for your course in the course description of the SCPS catalog or through an online course and as you begin your registration. Or call the SCPS office in Manhattan or Brooklyn for help in finding this information.

Transcripts
To check your grades online and request transcripts, visit my.pratt.edu and log in with your OneKey. Click on “Student”; choose “Academic Tools”; then click on “Current Term Grades.” Or you may view an Unofficial Transcript on your computer by selecting that option.

Students enrolled in the certificate programs in computer graphics or photography and digital art automatically receive one transcript free of charge each semester. A fee of $5 is charged for additional transcripts. Students in all other courses must pay a $5 fee for each transcript, letter of completion, or any additional certificate requested. Requests for transcripts, certificates of completion, certifications, and other statements relating to the record should be addressed to either Pratt Manhattan, School of Continuing and Professional Studies, or the Brooklyn Campus, School of Continuing and Professional Studies, Attention: Continuing Education Transcripts—along with the correct remittance.

Requests must state name while in attendance, dates of attendance, and course(s) of study, list the name and address to which information is to be mailed, and bear the signature of the student.

Weather Emergency Line
Pratt Institute’s Weather Emergency Line can be reached by dialing 718.636.3700.

Callers will get information on any weather-related closings at either the Manhattan or Brooklyn campuses. Visit our website at www.pratt.edu.

Withdrawal Policy
Withdrawal or refund requests cannot be made by telephone or through the instructor. Withdrawals and refunds are computed from the date and time written or electronic notice of withdrawal is received. Requests can be faxed, emailed, or mailed.

• Two business days before first meeting: 100% tuition refund
• Two business days before second meeting: 80% tuition refund
• Two business days before third meeting: 60% tuition refund
• Two business days before fourth meeting: 40% tuition refund

Please Note: There will be no refunds for any reason after the fourth class meeting.

Seminars and Four-to-Six Day Courses
Withdrawals six business days before start date: 100% tuition. No refunds after this date.

Please Note: All requests must be made in writing. Allow 60 days for refunds to be processed.

Withdrawal by Email
Email: prostudy@pratt.edu

Withdrawal by Fax
Brooklyn classes: 718.399.4410
Manhattan classes: 212.367.2489

Withdrawal by U.S. Mail
See address for Manhattan or Brooklyn SCPS office.

VA Benefits
The certificate programs in Digital Design and Photography and Digital Imaging are approved for veterans and other eligible persons under the GI Bill for education. Contact the Department of Veterans Affairs at 1.888.GI BILL1 (1.888.442.4551) or www.gibill.va.gov regarding eligibility.

Contact Perry Han at phan@pratt.edu for information.
5 Ways to Register

1. By Telephone
   Call 855.551.7727 with your credit card.
   M–Th, 10 AM–6 PM; F, 10 AM–2 PM

2. In Person
   144 West 14th Street, Room 209
   Between Sixth and Seventh Avenues
   M–Th, 10 AM–6 PM; F, 10 AM–2 PM

3. Online/Instant Enrollment:
   www.pratt.edu/scps-cf15

4. By Mail
   Fill out the registration form and mail with check or money order to our office:
   Pratt Institute
   School of Continuing and Professional Studies
   144 West 14th Street, Room 209, New York, NY 10011

5. By Facsimile
   Send your fax to 212.367.2489.
   Be sure to have your registration form filled out with your credit card number and expiration date.

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Method of Payment
- Check/Money Order
- AmEx
- Discover
- Visa
- MasterCard
- I hereby authorize use of my credit card.

Last Name    First    Middle
Social Security #    Date of Birth
Street
City    State    ZIP
Phone    Email
Occupation

Corporate Billing: Purchase orders accepted. Please forward billing information with registration.

Course Location*
- Pratt Manhattan
- Pratt Brooklyn
- Brooklyn campus parking ($5 fee)

* All courses with numbers beginning with PM meet in Manhattan. Course numbers beginning with X meet in Brooklyn.

I Heard about Your Program Through
- Friend/Coworker/Employer
- Website
- Magazine Ad
- Email Ad
- Teacher/Counselor

For Office Use Only
- OneKey #
- Date Received
- Tuition
- Fee    Total

Certificate Program ($100 fee)
- Digital Design:
  - Web Design
  - Graphic Design
  - Motion Graphics
  - CAD Architectural Design
  - Computer Graphics
  - UX/UI Motion Design
  - Geographic Information Systems (GIS) and Design
- Photography and Digital Imaging
- Fashion New Media
- Online and Social Media Marketing
- Advanced Perfumery
- Design Entrepreneurship
- Sustainable Building, Infrastructure Design, and Management

Mail Application
Mail application with a check or money order payable to Pratt Institute/School of Continuing and Professional Studies to:

Pratt Manhattan
School of Continuing and Professional Studies
144 West 14th Street, Room 209
New York, NY 10011
855.551.7727

or

Pratt Institute
School of Continuing and Professional Studies
200 Willoughby Avenue
Brooklyn, NY 11205
718.636.3453
Certificate Programs

Photography and Digital Imaging
Fashion New Media
Digital Design
  Web Design
  Graphic Design
  Motion Graphics
  CAD Architectural Design
  Computer Graphics
  UX/UI Motion Design
Geographic Information Systems (GIS) and Design
Online and Social Media Marketing
Advanced Perfumery
Design Entrepreneurship
Sustainable Building, Infrastructure Design, and Management

Open registration begins: July 27, 2015
Fall term begins: August 24, 2015

www.pratt.edu/scps-cf15