

## INTERACTIVE DESIGN & DIGITAL ARTS

### **New! Web Design Certificate Program-64Hrs**

This is a non-credit remote synchronous certificate program, beginning in the fall. This program will focus on design principles and front-end programming using languages such as HTML, CSS, and JavaScript. Students will learn to use tools like Chrome Devtools, Adobe Photoshop, and Dreamweaver. Students will be utilizing the *design thinking process* to work as a collaborative web development team, prototype, and to evaluate, and test a finished portfolio piece. Portfolio pieces will be online websites ready for professional use.

**Students must register for the entire program at time of registration.**

**Register for the entire certificate for \$1,350!**

All interested students should contact the Director, Dr. Sherry Mayo, at [sherry.mayo@sunywcc.edu](mailto:sherry.mayo@sunywcc.edu) or 914-606-7385.

**To register for certificate program classes, you must call 914-606-7300 or email [peekskill@sunywcc.edu](mailto:peekskill@sunywcc.edu)**

### **Web Design Strategy**

In this course, you will learn the process of designing a successful website. This course will cover topics like user personas, sitemaps, journey maps, wireframes, and how to design a mock-up using the Adobe Creative Suite. This course will be your introduction to building websites.

CE-DGART 2140PE, 8 T/TH, Sept. 13-Oct. 6, 6:30-8:30 pm. #90479

### **Coding HTML & CSS**

In this course, you will learn how the web is structured and how to style it. First, you will learn the anatomy of HTML, HTML documents, elements, tables, attributes, and how to embed images and multimedia. Then you will learn to style the web with CSS (Cascading Style sheet). You will explore topics such as CSS Selectors, the box model, backgrounds and borders, styling text, and layouts. You will also learn how to debug HTML elements using the DOM inspector tool.

CE-DGART 2141PE, 8 T/TH, Oct. 11-Nov. 3, 6:30-8:30 pm. #90480

### **Coding Responsive & Interactive Websites**

In this course, you will go deeper into CSS and designing websites for different screen sizes and layouts. You will explore topics like responsive front-end frameworks, floats, positioning, flexbox, grid, web typography, and media queries. You will also learn the basics of JavaScript to add interactive elements to your website.

CE-DGART 2142PE, 8 T/TH, Nov. 8-Dec. 6 (skip Nov. 24), 6:30-8:30 pm. #90481

### **Custom WordPress Website**

In this course, you will learn how to design and develop a fully customizable WordPress website. You will explore topics like WordPress Themes and Child Themes, Plugins, Widgets, custom CSS, the WordPress admin/dashboard, and domain and hosting. You will use this WordPress Website project to include all the work you have created in the certificate program to use as your portfolio to show potential clients.

CE-DGART 2143PE, 8 T/TH, Dec. 8-Jan. 12, 2023, (skip Dec. 22-Jan 2, 2023), 6:30-8:30 pm. #90482

### **New! Mixed Reality (XR) Certificate-84 Hrs**

This non-credit, hybrid certificate program is an intensive course of study over two semesters beginning in the fall.

This program gives students the tools and knowledge to create mixed reality worlds. Students will be instructed in coding, digital 3D modeling, game design, mixed reality design (virtual and augmented reality), independent studio, and portfolio development. This certificate will enable students to acquire skills that are attractive to employers in an in-demand field. For ages 18 years & up. These courses are hybrid (remote and in-person) at the Center for the Digital Arts, Peekskill Extension. Students will need to comply with all of the college's COVID-19 requirements, please visit [www.sunywcc.edu/covid-info](http://www.sunywcc.edu/covid-info) for more information.

**Students must register for the entire program at time of registration.  
Register for the entire certificate for \$1,242!**

All interested students should contact the Director, Dr. Sherry Mayo, at [sherry.mayo@sunywcc.edu](mailto:sherry.mayo@sunywcc.edu) or 914-606-7385.

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#### **Game Programming**

Have you ever wished you knew how to program, but had no clue where to start? This introductory course will provide students with an understanding of game programming. It will explore themes and concepts of the fundamental principles of game programming. Through this exploration students will develop a basic foundation and understanding of code/coding, and gain confidence in their ability to code small programs. This course will use Unity 3D, C+ programming language and Microsoft Visual Studio.

CE-DGART 2130PE.

7 Thurs., Sept. 8-Oct. 20, 6:30-8:30 pm.

#### **Game Design**

We play games on consoles, PCs, and mobile devices but did you ever wonder how to build an interactive game? The gaming industry is an exciting, burgeoning field that requires both technical ability and creativity. Students will be designing and programming games and learning gaming concepts. Students will construct games, design characters, build terrains, and interactive user experiences using the program Unity 3D.

CE-DGART 2132PE.

7 Wed., Sept. 14-Oct. 26, 6:30-8:30 pm.

#### **Augmented, Virtual & Mixed Reality**

Students will explore the endless possibilities of augmented reality, virtual reality, mixed reality and immersive computing technologies. Students will be exposed to the technical and experiential design foundation required for the implementation of immersive environments in current and future virtual, augmented and mixed reality platforms. Students will be active participants in designing their immersive worlds using the program Unity 3D. **This class will be in person.**

At Peekskill Center: CE-DGART 2133PE.

7 Thurs., Oct. 27-Dec. 15 (skip Nov. 24), 6:30-8:30 pm.

#### **Digital 3D Modeling**

In this course, we will explore the world of digital 3D modeling using the program Blender. Over the last four decades DCC (Digital Content Creation) programs have become sophisticated, friendly to

use, and accessible. This is a foundation course in digital 3D modeling. This course will cover an extensive range of modeling techniques and build a strong foundation for continued work in digital 3D modeling. Students will complete modeling exercises and create original works of their own design.

CE-DGART 2131PE.

7 Wed., Nov. 2-Dec. 21 (skip Nov. 23), 6:30-8:30 pm.

### **Independent Studio**

This studio course presents a platform for students to continue exploring diverse possibilities and various processes of using digital media to create interactive works. Students will be required to independently investigate, share findings and ideas, and work in a critique-and-discussion-based environment. Students' work will be exhibited at the CENTER FOR THE DIGITAL ARTS GALLERY. **This class will be in person.**

At Peekskill Center: CE-DGART 2134PE.

7 Wed., Jan. 11-Feb. 22, 2023, 6:30-8:30 pm.

### **Portfolio Development**

Students will create a portfolio that represents their individual body of work. During the last seven-weeks of the certificate program, students will investigate different types of portfolio styles and construct a portfolio that is web and physical based, comprised of completed and on-going projects. **This class will be in person.**

At Peekskill Center: CE-DGART 2135PE.

7 Thurs., Mar. 2-Apr. 13, 2023, 6:30-8:30 pm.

### **New Expanded! Historic Preservation Certificate-140 Hrs**

This is a one-year, non-credit certificate program beginning in the fall.

The certificate program serves students and professionals interested in establishing credentials in the area of Historic Preservation in a multitude of job sectors: building trades such as woodworking and stone masonry as well as areas such as historic site management, artifact conservation and more. There is no other certificate program in Historic Preservation offered at a community college in New York State. A total of 140 hours, (field work will be variable), half classwork and half in directed historic preservation fieldwork. One elective is required during the one-year program to fulfill the certificate.

### **Register for the entire certificate for \$2,070!**

All interested students should contact the Program Coordinator, Alan Strauber, at  
Alan.Strauber@sunywcc.edu

**To register for certificate program classes you must call 914-606-7300 or email  
peekskill@sunywcc.edu**

### **American Architectural History**

With an emphasis on Historic Preservation and New York State, this course will explore the development of architecture in America from its beginnings to roughly modern day. Areas of examination will include indigenous and vernacular American architecture, colonial and Federalist design, the appropriation of European design elements, the development of architecture as a profession, the American Parks Movement and landscape architecture, the innovation of the skyscraper, the rise of twentieth century urban environments, public works projects, modernism and more. These will be 2-hour class sessions over 14 weeks for a total of 28 hours required

towards completion of certificate requirements. This course will be taught entirely online using Zoom via Blackboard platform. Instructor-Alan Strauber.  
CE-HIST 2128PE, 14 Sat., Sept. 10-Dec.17 (skip Nov. 26), 11:00 am-1:00 pm.

### **Introduction to Historic Preservation**

This course is an introduction to the history, principles and practice of historic preservation. It will provide a framework for understanding how the architecture and natural beauty of the Hudson Valley influenced the birth of the preservation movement in America and how reservation law has developed in New York State into present-day policies. Through discussions about the guiding principles, terminologies and current issues of historic preservation, the class will explore the benefits and limitations of the agencies that play a role in preservation and discuss local case studies. These will be 2-hour class sessions over 14 weeks for a total of 28 hours required towards completion of certificate requirements. This course will be taught entirely online using Zoom via Blackboard platform. Instructor-Johanna Porr Yaun.

CE-HIST 2127PE, 14 Tues., Sept. 13-Dec. 20 (skip Nov. 8), 6:30-8:30 pm.

### **Historic Preservation Field Work I**

This course is designed to provide a wide range of hands-on experience related to historic preservation in a variety of settings. Participants will work at actual historic sites in the field as well as with artisans in trades related to historic preservation. Students will rotate between sites. Sessions will total 28 hours required for completion of certificate requirements. **This class will be offsite.**

CE-HIST 2129PE, TBD, Spring/Summer 2023.

### **Historic Preservation Field Work II**

Continuation of Historic Preservation Field Work I. Sessions will total 28 hours required for completion of certificate requirements. Prerequisite: Historic Preservation Field Work I. **This class will be offsite.**

CE-HIST 2130PE, TBD, Spring/Summer 2023.

### **Electives**

#### **New! Historic Preservation Woodworking and Building Techniques**

Through a combination of site visits to buildings of various periods, shop demonstrations, lecture and hands on work with tools, this course will explore the changes in technology, and the corresponding development of building design. Starting with timber framing participants will explore basic assembly techniques, and how assembly methods developed overtime. Methods for conservation of historic windows will be explored. Participants will use tools from as far back as the eighteenth century. We will explore the marks these tools leave and how they can be used to help us read the history of a building. These class sessions will be over 10 weeks for a total of 28 hours. Instructor-Bruce MacDonald.

At the Southern Westchester BOCES, Woodworking Shop, 65 Grasslands Rd., Valhalla

CE-HIST 2158PE, 10 Sat., Sept 17- Nov. 19, 1:00-4:00 pm (\*Sept 17 & Nov. 19, 1:00-3:00 pm).

CE-HIST 2159PE, Independent option, \$414.

#### **New! History of Landscape Architecture**

This course will explore the complex relationship between culture and nature through a historic survey of humans' intentional manipulation of the landscape. The class lectures will follow a roughly chronological structure tracing the evolution of landscape design from the public open spaces of ancient cities, private gardens of the Renaissance, through the large parks of the City Beautiful Movements. A significant segment of the syllabus will focus on human responses to the industrialized and post-industrial urban environments. The cultural knowledge and analytical tools gained through the course will provide a solid foundation for future academic endeavors in design disciplines and enrich students' real-world experience of the natural and the built environments.

These class sessions will be over 14 weeks for a total of 28 hours and will be taught entirely online using Zoom via Blackboard platform. Instructor-Susan Jainchill.

CE-HIST 2160PE, 12 Wed., Sept. 14-Dec.14 (skip Nov. 2 & 23) 7:00-9:00 pm, 1 Sun., Oct. 30 **In person** 10:00 am-2:00 pm.

CE-HIST 2161PE, Independent option, \$414.

### **Social Media Specialist Certificate-66 Hrs**

This online, non-credit certificate program is over two semesters, beginning in the fall. The culminating experience will be the creation of a social media portfolio that students can share with potential employers, or use as a guide to create their own social media consulting business. The Social Media Specialist Certificate provides motivated individuals with a foundation in practice and theory with hands-on activities, in-depth assignments, and lectures by the instructor and using supplemental resources, such as videos and/or interviews with social media professionals. We give you the tools to become a smart and capable player on the social media stage. When you are done, you will be able to create a powerful social media strategy.

The certificate is an intensive course of study with a total of seven individual courses, and three optional electives to choose from. One elective is required during the program. Upon completion of the core courses, participants will have the opportunity to take for the Hootsuite Social Marketing exam (exam fees are additional). Completion of the certificate is required for the exam.

**Students may register for the entire program at time of registration for certificate or take courses independently in sequence.**

**Register for the entire certificate for \$1,204!**

All interested students should contact the Director, Dr. Sherry Mayo, at [sherry.mayo@sunywcc.edu](mailto:sherry.mayo@sunywcc.edu) or 914-606-7385.

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### **Introduction to Social Media Networks**

This course gives students an overview of the top five, current social media platforms, such as Facebook, Instagram, LinkedIn, YouTube, and more, and helps them define which platform should be used to reach business goals. In this course, students will create a buyer persona, define a brand, and identify the top one to two social media platforms they should use to impact business goals. Research, activities, assignments, and lecture will be used to help students identify the right social media platform for their business' goals.

CE-COMP 2220PE, 3 Thurs., Sept. 15-29, 6:00-9:00 pm, \$164.

### **Social Media Content Fundamentals**

In this course, students will learn how to craft a content strategy, best practices for content curation, creation, and sharing, as well as tactics for content measurement. In addition to creating content, students will be researching and defining hashtags and developing a social media schedule. Templates, handouts, video, and lectures will be used to bring this course to life.

CE-COMP 2221PE, 3 Thurs., Oct. 6-Nov. 3 (skip Oct. 13-20), 6:00-9:00 pm, \$164.

### **Optimizing Social Media Profiles**

This course will teach students which elements to focus on for the top, five social media platforms, plus the best practices to keep in mind when creating a company/business social media presence. This course will offer strategic best practices and optimization techniques for several social media

platforms. Examples, activities, and profile graphic development tools (i.e., Canva) will be used for students to design/implement a mock or live social media business profile.

CE-COMP 2222PE, 2 Thurs., Nov. 10-17, 6:00-9:00 pm, \$109.

### **Social Media Strategies and Tactics**

Learn about setting Goals, Objectives, KPIs, and Tactics. Students will learn about creating content calendar for timing and key dates, and incorporating content marketing into a social context. In addition, students will look at several social media tools, including Hootsuite, content management systems, and other common tools used in a social media role. Plus, this course will cover how to build a brand advocacy program and look at ways to engage influencers.

CE-COMP 2223PE, 4 Thurs., Jan. 19-Feb. 9, 2023, 6:00-9:00 pm, \$221.

### **Social Media Marketing**

This course provides students with an in-depth look at social media advertising, including how to establish a budget; developing a data-driven audience; creating an ad campaign; and measuring its impact. Activities, templates, lectures, and insights will be provided to help students craft a successful social media ad campaign.

CE-COMP 2224PE, 3 Thurs., Mar. 2-16, 2023, 6:00-9:00 pm, \$164.

### **Social Media Measurement and ROI**

This course will provide students with an in-depth, hands-on exploration of current trends and tools including quantitative and qualitative measurement methodologies for social media. Students will learn to communicate return on investment (ROI) of social media to a non-expert audience.

Students will develop skills to analyze how the performance of the social media strategy directly impacts the strategic priorities and mission/goals of their organization.

CE-COMP 2225PE, 3 Thurs., Mar. 23-Apr. 6, 2023, 6:00-9:00 pm, \$164.

### **Create A Social Media Crisis Management Plan**

On social media, things can move blazingly fast. Sometimes, a PR crisis that seems to come out of nowhere. Your best chance to make it through a social media crisis is to prepare ahead of time.

Have a solid plan, a list of key stakeholders and responsibilities, and a clear chain of command.

This course looks at methods for spotting potential issues as they emerge and how to shut a problem down in the early stages. The course also will show the students what to do if you end up with a full-blown social media crisis management situation on your hands.

Examples, handouts, and templates will be provided.

CE-COMP 2226PE, 2 Thurs., Apr. 27-May 4, 2023, 6:00-9:00 pm, \$109.

### **Electives**

#### **Writing for Social Media-An In-Depth Workshop**

This course will explore the relationship between audience, purpose and text in a cross section of social media. Students will develop criteria for evaluating each form of writing, find examples, assess what makes them effective, consider the decoding skills they demand from readers, and practice the form using tried and true social media writing tactics. As students practice the craft of writing for social media; they will receive detailed constructive feedback on all assignments.

CE-COMP 2227PE, 2 Thurs., Dec. 8-15, 6:00-9:00 pm, \$109.

### **Policies and Procedures to Manage Risk**

This course examines social media policies and procedures to manage risk and improve communication strategies. Students will have the opportunity to draft social media policies and procedures for their respective organizations.

CE-COMP 2228PE, 2 Thurs., Jan. 5-12, 2023, 6:00-9:00 pm, \$109.

### **Creating Simple Video Content for Social Media**

Any business can start creating video content as a part of its overall marketing strategy. You just have to figure out what your overall objective is and how to plan to achieve those results. Creating unique, refreshing and engaging video content comes easy, if the objective is clear. In this course, students will create a video storyboard and script based on a business objective. Then they will use online tools and apps to create the video.

CE-COMP 2229PE, 2 Thurs., Feb. 16-23, 2023, 6:00-9:00 pm, \$109.

### **New Expanded! 3D Animation Certificate-252 Hrs**

This online, non-credit certificate program is an intensive course of study over two semesters beginning in the fall.

The culminating experience will be the creation of a demo reel for their portfolio to show employers or schools in order to continue on their career paths. Demo reels will be exhibited in a certificate completion exhibition.

This certificate program will take students through the 3D animation production pipeline and cover many facets of 3D creation. From modeling assets and characters to animating and final rendering, this certificate will guide you through the fundamental principles of 3D animation. Whether you are interested in film, video games, or commercial work, these courses will get you on the right trajectory. Prepare for an intensive exploration! Prerequisite: Basic computer knowledge.

**Students must register for the entire program at time of registration.**

**Register for the entire certificate for \$2,335!**

All interested students should contact the Director, Dr. Sherry Mayo, at [sherry.mayo@sunywcc.edu](mailto:sherry.mayo@sunywcc.edu) or 914-606-7385.

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### **Module I**

#### **Modeling I for Animation-42 Hrs**

This course will introduce students to creating hard surface modeling such as vehicles and assets for production in Autodesk Maya. The course will consist of demonstrations combined with discussion and tutorials created by the instructor; in-class exercises and an assignment will be given every week. In addition, different lighting scenarios such as interior, exterior, and studio lighting with Arnold renderer will be also covered.

CE-DGART 2093PE, 14 Mon., Sept. 12-Dec. 12, 6:30-9:30 pm.

#### **Animation I-42 Hrs**

This course will introduce students to animating in Maya. Students will start with the basics and learn about the twelve principles of animation. Some assignment examples will consist of a bouncing ball, walk-cycles, jumping, and kick ball.

CE-DGART 2094PE, 14 Wed., Sept. 14-Dec. 21 (skip Nov. 23), 6:30-9:30 pm.

## **Module II**

### **Modeling II/Digital Sculpting for Concept and Animation-42 Hrs**

This course will introduce students to creating organic characters and sculpture for production using Autodesk Maya, ZBrush, and Mudbox. This course will introduce students to creating hard-surface & organic characters and sculpture for production and concept art with Pixologic ZBrush. We will also cover the 3D printing process and print work. The course will consist of demonstrations combined with discussion, and tutorials created by the instructor, in-class exercises and an assignment will be given every week. In addition, students will be given different lighting scenarios such as interior, exterior and studio lighting with Arnold renderer. (Prerequisite Modeling I for Animation).

CE-DGART 2095PE, 14 Mon., Jan. 9-Apr. 17 (skip Jan. 16), 2023, 6:30-9:30 pm.

### **Animation II-42 Hrs**

As a continuation to Animation I, students will now look at creating basic rig setups to more advanced rig setups for characters and assets. Towards the end of this course, the class will focus on the importance of posing and body mechanics for animation. (Prerequisite Animation I).

CE-DGART 2096PE, 14 Wed., Jan. 18-Apr. 19, 2023, 6:30-9:30 pm.

## **Module III**

### **Animation III-42 Hrs**

As a continuation to Animation II, students will learn about creating storyboards, animatics, and creating an animation based on their own stories. Each student will create a mini 15 second animation with a pre-rigged character of choice. Students will also be recording their own live video reference to help with timing for their animations. (Prerequisite Modeling II/Digital Sculpting for Concept and Animation).

CE-DGART 2097PE, 14 Mon., Apr. 24-Aug. 7 (skip May 29 & July 3), 2023, 6:30-9:30 pm.

### **Demo Reel Creation and Exhibition-42 Hrs**

In this course, students will use the technical, drawing, and storytelling skills they have learned in the previous courses to produce their own demo reel. It is expected that the reel will be of a high degree of finish regardless of the content. In addition, students will investigate survival skills and portfolio practices necessary to work as a professional, freelance, or independent computer graphic artist. Students will exhibit their final work at CENTER FOR THE DIGITAL ARTS GALLERY.

CE-DGART 2098PE, 14 Wed., Apr. 26-Aug. 2 (skip July 5), 2023, 6:30-9:30 pm.

Exhibition: Mon., Dec. 4, 2023-Wed., Jan. 3, 2024.

## **Digital Photography Certificate-126 Hrs**

This online, non-credit certificate program is over two semesters, beginning in the fall.

The culminating experience will be the creation of a photography portfolio and exhibition to share with family, friends, and potential employers in order to continue on their personal and professional pathways.

The Digital Photography Certificate will provide new and motivated photographers with a foundation in practice and theory with lab exercises, assignments, and lecture demonstrations.

Students will learn about the proper operation of a camera and achieving correct exposure, composition methods, post processing, and specialized photography. Throughout the experience, students will draw inspiration from the works of historical and contemporary photography. Enhance your portfolio and hone your skills! The certificate program is an intensive course of study over two semesters beginning in the fall, with six individual courses. **Students must register for the entire program at time of registration.**

**Register for the entire certificate for \$1,521!**



All interested students should contact the Director, Dr. Sherry Mayo, at [sherry.mayo@sunywcc.edu](mailto:sherry.mayo@sunywcc.edu) or 914-606-7385.

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### **The Camera and Its Operation**

This course looks at the camera and how to control it to get the best results. The course covers common digital formats, exposure modes, histograms, JPEG vs RAW files, lens selection, methods of stabilization, useful accessories, and mobile apps. Through demonstrations, a critical look at current and historical photography and shooting assignments, students will gain a better understanding of how to use the camera to capture compelling images.

CE-DGART 2120PE, 7 M/W, Sept. 12-Oct. 3, 6:30-9:30 pm.

### **Photographic Composition**

Composing an effective image involves many considerations, including camera placement, lens selection, lighting, subject-ground relationship, and employing (or breaking!) some rules. Additionally, post-processing gives us further control over many of these key items. Topics covered will include common framing rules, depth-of-field, vignette, and other features that help to highlight the story in your image. Inspired by powerful examples of composition from noted photographers, students will complete shooting assignments and processing of their own images.

CE-DGART 2121PE, 7 M/W, Oct. 10-31, 6:30-9:30 pm.

### **Digital Image Processing**

Shooting in the RAW file format expands the potential for creating powerful and expressive images. Adobe Photoshop and Light room offer a digital darkroom where students will learn to process images and bring their photography to the next level. Exposure correction, color balancing and enhancement, and resolution adjustments are just some of the techniques covered. File organization and prepping for web, mobile and print media will be introduced.

CE-DGART 2122PE, 7 M/W, Nov. 7-30 (skip Nov. 23), 6:30-9:30 pm.

### **Small Object Photography**

Photographing small objects, be it a tabletop still-life, products for marketing, or objects to be used for illustrative purposes, requires a special approach and attention to detail. Students will set up and shoot objects of their choice using specialized and non-specialized equipment, then process them in Photoshop as required for various needs. Topics covered will include camera lenses, lighting, seamless backgrounds, and a bit of post-processing magic to transform objects into things of beauty.

CE-DGART 2123PE, 7 M/W, Jan. 23-Feb. 13, 2023, 6:30-9:30 pm.

### **Digital Image Compositing**

Good camera skills and effective post-processing are of primary importance in photography. There are many other exciting ways to enhance an image or go beyond a single exposure. Students will learn how to use Photoshop to retouch and manipulate images, combine several exposures through digital stitching to create panoramas and high-resolution images, experiment with focus stacking, and produce enhanced imagery with high dynamic range photography.

CE-DGART 2124PE, 7 M/W, Feb. 20-Mar. 13, 2023, 6:30-9:30 pm.

### **Portfolio**

Collecting and curating your photographs into an effective portfolio is key to sharing and utilizing them for personal and professional purposes. Students will create a digital portfolio, and if

necessary, shoot additional images to provide a more complete story of their capabilities. Online portfolios from leading photographers will be reviewed and students will be encouraged to visit regional photography exhibits.

CE-DGART 2125PE, 7 M/W, Mar. 20-Apr. 12, 2023 (skip Apr. 5), 6:30-9:30 pm.

## **NEW! ADVANCED DIGITAL PHOTOGRAPHY**

The Advanced Digital Photography hybrid series is for students who are post-certificate or have received instructor permission. Students will expand on their technical and storytelling capabilities. Part 1 is a pre-requisite for Part 2. These courses are hybrid (remote and in-person), taking advantage of the vast resources and specialized facility at the Center for the Digital Arts, Peekskill Extension. Students will need to comply with all of the college's COVID-19 requirements, please visit [www.sunywcc.edu/covid-info](http://www.sunywcc.edu/covid-info) for more information.

**Students may register for the series or take courses independently in sequence.**

All interested students should contact the Director, Dr. Sherry Mayo, at [sherry.mayo@sunywcc.edu](mailto:sherry.mayo@sunywcc.edu) or 914-606-7385.

**To register for these classes, you must call 914-606-7300 or email [peekskill@sunywcc.edu](mailto:peekskill@sunywcc.edu)**

### **Part 1: Finding the Story in the Environment**

The Advanced Digital Photography course will get started with a review of exposure and camera control, followed by shooting assignments with a concentration on finding the story in the chosen environment, be it landscape, street, or event photography. In-the-field shoots will be planned. We will review post-processing in Lightroom, and learn new tools for masking and making adjustment selections based on tone and color. Photo critiques will occur throughout the semester, with an eye on creating an advanced portfolio. **This class will be remote and (TBD) in person.**

At Peekskill Center: CE-DGART 2126PE, \$550.

14 Thurs., Sept. 8-Dec. 15 (skip Nov. 24), 6:30-9:30 pm.

### **Part 2: Focus on Lighting**

Advanced Digital Photography continues with an initial concentration on lighting, both natural and artificial, where students can choose to focus on portrait or small object photography, including in-person shoots with a live model. We will then learn new tools and procedures using Photoshop for advanced retouching, including selection tools and layer masks. Students will prepare select images for printing. Best work will be chosen for the Spring 2024 Student Art Exhibit, as well as an advanced personal portfolio. **This class will be remote and (TBD) in person.**

At Peekskill Center: CE-DGART 2127PE, \$550.

14 Thurs., Jan. 26-Apr. 27, 2023, 6:30-9:30 pm.

### **Coming Soon! Certificate in User Experience Design (UX)-93 Hrs**

User Experience Design is an online non-credit certificate that prepares graduates for working in interactive technologies and provides them with industry literacy through applied practice. The program will offer a foundation in user experience strategies, design thinking, and interactive design. Students will acquire skills in user research, site-mapping, wire-framing, prototyping, web programming, UX Career Development, etc. Students can also complete a portfolio course where they will create finished examples of their work to show prospective employers facilitated by a professional industry UX designer. Prerequisite: Basic computer experience. Students may register for the entire program at time of registration. Prerequisite: Basic computer experience.

**Register for the entire certificate for \$1,668!**

For more information visit [www.sunywcc.edu/peekskill](http://www.sunywcc.edu/peekskill)

## DIGITAL MEDIA

### 3D Modeling and Printing for Adults 12 Hrs

Explore new technology that enables the design of everything from car parts to jewelry. Use a free software package, TinkerCAD, to create 3D forms that you can realize through 3D printing. Learn block coding to animate your 3D models. Our MakerBot studio is equipped with multiple 3D printers, and an array of filament colors. **This class will be in person.**

At Peekskill Center: CE-DGART 2069PE, \$181 (+ \$50 materials fee).

6 Sat., Sept. 10-Oct.15, 9:00-11:00 am. #90429

### Adobe Photoshop CC in 24 Hrs

Learn to use the latest version of Photoshop with time management features and enhancements for digital painting/drawing and web and video creation. This training package will include imaging formats, use of Photoshop in computer imaging, and output for the web. No previous experience with Photoshop necessary, previous computer experience required. **This class will be remote.**

CE-DGART 2042PE, 4 Sat., Sept. 10-Oct. 1, 9:00 am-3:00 pm, \$442. #90430

### Adobe Illustrator CC in 24 Hrs

Learn to use this industry-standard vector image creation program for digital illustration for print and web. Includes drawing tools, Bezier curves, fonts, and use of Illustrator in graphic design. No previous experience with Illustrator necessary, previous computer experience required. **This class will be remote.**

CE-DGART 2040PE, 4 Sat., Oct. 8-Nov. 5 (skip Oct. 29), 9:00 am-3:00 pm, \$442. #90431

### Design Your Brand

From entrepreneurs to business owners, your brand may impact your business' success. From logos and tag lines, to storytelling and a brand strategy that positions your business at the top of your field is what you'll learn in this course. Students not only learn about the basics, but also get to create a logo, brand, tag line, and more. Then they present their brand at the end of the program. **This class will be remote.**

CE-BUS 2110PE, 4 Tues., Sept. 6-27, 6:00-9:00 pm, \$197. #90432

## PROGRAMMING

### New! Modern Programming Languages

In this class students will be introduced to the basic aspects of modern programming languages like Python, Java Script and Java. Students will learn problem solving, data representation, algorithm design, and object-oriented design and programming. The Python programming language will be used as the means to implement programs. This course prepares students for problem analysis and solution design. Students will also discuss ethical and social issues relating to computing. **This class will be in person.**

At Peekskill Center: CE-COMP 2213PE, \$364.

8 Sat., Oct. 8-Dec. 3 (skip Nov. 26), 12:00-3:30 pm. #90433

### Weekend Front End Coding Boot Camp

This course will cover HTML, CSS, and JavaScript. Front end code is the code that builds the web pages that people see. The power of these languages together can make you a very powerful designer/front end programmer and put you in demand in the work force.

For ages 14 & up. **This class will be in person.**

At Peekskill Center: CE-COMP 2172PE, \$305.

4 Sa/Su., Dec. 10-18, 9:30 am-4:30 pm (30-minute lunch break). #90434

## FOR YOUTH AND TEENS

### TinkerCAD for Kids 16 Hrs

TinkerCAD is a free web-based software that allows students to create 3D forms. These forms may be extruded, replicated, and combined to create elaborate shapes and works of art. Students will build in TinkerCAD and then output their artworks in our Makerspace as 3D prints. For ages 7-11.

**This class will be in person.**

At Peekskill Center: CE-DGART 2112PE, \$190 (+ \$50 materials fee).

8 Sat., Oct. 22-Dec. 17 (skip Nov. 26), 9:00-11:00 am. #90435

### Coding for Kids

Give your child the edge and have them engage in coding sequences of instructions that empower them to control robots and gaming interfaces. Students need to be able to write commands in the right sequences in order to communicate their instructions to others. Computer coding is what makes this possible and is a key 21st century competency for children today. Students will code stories, animations, and games. For ages 7-11. **This class will be in person.**

At Peekskill Center: CE-COMP 2127PE, \$190.

8 Sat., Oct. 8-Dec. 3 (skip Nov. 26), 9:00-11:00 am. #90436

### Teens Game Design

You play games on Playstation, Nintendo Switch, and your mobile devices but did you ever wonder how to build an interactive game? The gaming industry is an exciting, burgeoning field that requires both technical ability and creativity. Students will work with a game designer to construct board games, design characters, build terrains, and interactive user experiences.

For ages 12-17. **This class will be in person.**

At Peekskill Center: CE-DGART 2111PE \$300.

TBD. #90437

## DIGITAL IMAGING

### Digital Imaging for Photography

Students will learn the fundamentals of digital photography, from understanding exposure and creating more satisfying compositions, to learning image processing workflow in current software. The course includes presentations and demonstrations, as well as critiques of student work. Examples from historical and contemporary photographers will inspire our creative efforts. This course provides the opportunity for aspiring amateur photographers to push their work to the next level. **This class will be in remote.**

CE-DGART 2090PE, 6 Sat., Oct. 8-Nov. 12, 10:00 am-12:30 pm, \$291. #90438

### Animation 1

In this 6-week course, the student will gain a solid understanding of the art of animation; which can be used in any kind of moving art such as 2D animation, 3D animation, stop-motion, and motion graphics. The course will be focused on traditional animation since it provides a hands-on understanding of the basic techniques of animation. Students will learn how to determine timing and spacing of a drawing and how it affects the outcome of an animation by studying different kinds of subjects such as a bouncing ball, falling leaves, and walk-cycles. Animation 1 is for those who want to start a career in animation but is not limited to those who want to sharpen their skills or further their experience. By the end of the course, students will have created a short animation 15 to 30 seconds long. **This class will be in person.**

At Peekskill Center: CE-DGART 2107PE, \$419.

6 Sun., Sept. 18-Oct. 23, 9:00 am-1:00 pm. #90439

## **Animation 2**

In this 6-week advanced session, students will dive deeper into what brings animation to life adding to what they have learned from Animation 1. This course will have students look into pre-production animation techniques such as layouts and backgrounds, character design and acting, sound and special effects. As the course progresses, students will move from pre-production to post-production including editing, color and visual effects, and rendering final projects for presentation. Using the tools given to them, students will create their own short animation 15 to 30 seconds long. Prerequisite: Animation 1. **This class will be in person.**

At Peekskill Center: CE-DGART 2108PE, \$419.

6 Sun., Nov. 6-Dec. 18 (skip Nov. 27), 9:00 am-1:00 pm. #90440

## **ARTS & CRAFTS**

### **Painting En Plein Air in 24 Hrs**

Students will focus on outdoor landscape painting. Various locations throughout the local area will be selected. Rain dates TBA. Focus will be on color mixing, light and shadow, and composition. Students will be informed of the great plein air traditions of the Impressionists and the Hudson River School painters. Various approaches to landscape painting will be introduced, including water-mixable techniques in oil painting. **This class will be offsite.**

CE-ART 2020PE, 8 Sat., Sept. 24-Nov. 12, 10:00 am-1:00 pm, \$277. #90441

### **Painting & Drawing for Adults in 24 Hrs**

Get your ideas out of your sketchbook! Students will enjoy painting in the studio in class and outdoors in an interactive environment. In this class, students will learn from discussion, group critique, examples of art while honing art skills of observation, gesture, composition, value, color mixing, and brushstroke, etc. The teaching artist demonstrates painting and drawing techniques for portraiture, representing the human form, and landscape, abstraction. **This class will be in person.**

At Peekskill Center: CE-ART 2146PE, \$277.

12 Mon., Oct. 3-Dec.19, 6:30-8:30 pm. #90442

### **Mixed Media Printmaking for Adults in 24 Hrs**

Discover innovative ways to make handmade prints in addition to how technology such as computers and jet printers make printing contemporary. Make a portrait print based on a photograph, drawing from observation, and imagination. The instructor will introduce soft linocut, monotype, stenciling, and how to marleize paper, to create prints on rice paper and other printmaking papers. **This class will be in person.**

At the Peekskill Center: CE-ART 2334PE, \$311.

8 Tues., Oct. 11-Dec. 6 (skip Nov. 22), 6:30-9:30 pm. #90443