CCE 0899. Digital Photography Basics. 0 Credits.

CCE 1010. Fundamentals of Graphic Design. 3 Credits.

CCE 1120. Introduction to Painting. 0-1.5 Credits.
This course is for all skill levels. Beginners will learn the basics, and more advanced students will progress on an individual basis. This course covers composition, color, and canvas preparation. Restricted to non-degree students.

CCE 1140. Introduction to Screenprinting. 0-1.5 Credits.
This course introduces students to the techniques of using screen printing to create original works of art. Students will use the latest ink technology in a variety of techniques for stencil making suited specifically to the screenprinting medium. Substantial independent work is possible for advanced students. Restricted to non-degree students. Same as CCE 2253.

CCE 1182. Painting Short Course. 0 Credits.
This course covers composition, color theory and canvas preparation and is appropriate for all skill levels. Beginners will learn the basics, and more advanced students will progress on an individual basis. Restricted to non-degree students.

CCE 1183. The Art of Watercolor/Gouache. 0 Credits.
This course emphasizes the control and expression of two water-based media: transparent watercolor and opaque gouache. Subject matter will be still life, landscape and portrait. Color mixing and color expression will be the primary focus of the class. Restricted to non-degree students.

CCE 1185. Non-traditional Watercolors. 0 Credits.
This course introduces students to a fresh approach to using watercolor as a flexible and erasable medium. The class will also cover color mixing, new surfaces for watercolor and techniques for layering imagery. Previous drawing or painting experience recommended. Restricted to non-degree students. Recommended background: Previous drawing or painting experience recommended.

CCE 1186. Figure Painting Short Course. 0 Credits.
Working from a live model each session, students explore how the human body may be represented in paint both realistically and semi-abstractly. Beginning students focus on acquiring technical skills and more advanced students receive guidance in handling compositional and expressive challenges. Students may work in oil or acrylic. Restricted to non-degree students.

CCE 1188. Landscape Drawing and Painting. 0 Credits.
Drawing as a way of seeing is explored through a series of free hand exercises, thereby developing one’s landscape painting abilities. Students of all levels will have the opportunity to hone their hand skills and sharpen their artist’s eye in articulating forms in the landscape. With visits to scenic locations and popular panoramic venues, and observing street scenes and garden vistas, students will be instructed in color theory and the principles of good landscape composition. Students may work in their chosen media and studio space will be available for use in case of inclement weather. Open to all levels of experience. Restricted to non-degree students.

CCE 1200. Introduction to Jewelry I. 0-1.5 Credits.
This course will provide students with the basic skills needed to design and fabricate their own jewelry. Students will become familiar with the safety, use, and maintenance of studio equipment and hand tools. This course will cover piercing, filing, finishing, soldering, forming, and basic embellishment techniques, as well as simple clasps. This course is designed for beginning students or those seeking to sharpen technical skills. Restricted to non-degree students.

CCE 1210. Introduction to Jewelry II. 0-1.5 Credits.
This course will continue to improve on the basic skills and introduce more techniques used in basic jewelry creation. Students will be encouraged to develop their personal design vocabulary and to broaden their definition of jewelry. Topics examined will include more clasps, introduction to wax carving and basic stone setting, and surface treatments. This course is designed for the advanced beginner and intermediate students. Restricted to non-degree students.

CCE 1220. Connections: Chains. 0-1.5 Credits.
In this course, students design and create handmade chains, essential components of many types of jewelry. Students learn design principles of linkage systems and are instructed in several technical processes, including how to fuse and solder links and how to make jump rings, woven chains, and chains with hollow elements. Restricted to non-degree students.

CCE 1224. Connections: Chains. 0-1.5 Credits.
Students will be introduced to using the wheel to create functional pottery. The class will cover wedging, throwing, trimming, and glazing for simple forms. Assignments will explore the poetic presence that results from the character of clay, the manipulation of form, and the qualities of glazed surfaces. Weekly assignments will focus upon bowls and vertical forms with a focused glazing/slipping palette. Restricted to non-degree students. Same as CCE 2253.

CCE 1253. Introduction to the Wheel. 0-1.5 Credits.
Students will be introduced to using the wheel to create functional pottery. The class will cover wedging, throwing, trimming, and glazing for simple forms. Assignments will explore the poetic presence that results from the character of clay, the manipulation of form, and the qualities of glazed surfaces. Weekly assignments will focus upon bowls and vertical forms with a focused glazing/slipping palette. Restricted to non-degree students. Same as CCE 2253.

CCE 1300. Introduction to Screenprinting. 0-1.5 Credits.
Students will use the latest in water-based ink technology in a variety of techniques for stencil making suited specifically to the screenprinting medium. Substantial independent work is possible for advanced students. Restricted to Non-degree students.
CCE 1370. Book Arts Basics Workshop. 0 Credits.

CCE 1383. Introduction to Lithography. 0 Credits.
Introduction to the lithographic process and instruction in executing a lithograph from a stone. Materials fee. Restricted to non-degree students.

CCE 1388. Plate Lithography. 0 Credits.
An introduction to photo-plate lithography. Students take photo-based images and turn them into black and white and color prints using traditional lithography techniques and image building strategies. Restricted to Limited to non-degree students.

CCE 1420. Introduction to Drawing. 0-1.5 Credits.
This course emphasizes gesture, line, proportion, perspective, mass, volume, value, tone and shading. Working with conté crayon, graphite, pen and ink wash, and an assortment of papers, students will study the figure, still life, and subjects of individual choice. Students are provided with a strong foundation for more advanced classes. Restricted to Non-degree students.

CCE 1422. Academic Drawing: Still Life, Portrait & Figure. 0-1.5 Credits.
This course incorporates traditional methods of studying drawing used by the European art academies for centuries. Structurally, the course consists of several long-term assignments such as still life, portrait, and figure. The emphasis is on tonal drawing, which teaches students to see relationships between the most complex characteristics of the form and corresponding tonal values of the materials used. Restricted to non-degree students.

CCE 1440. Introduction to Botanical Drawing. 0-1.5 Credits.
History, issues, and concepts related to botanical illustration. Study of the major botanical painters and illustrators; seeing and rendering plants and developing a personal style.

CCE 1481. Academic Drawing Short Course. 0 Credits.
This course consists of several long-term assignments such as still life, portrait, and figure. The emphasis is on tonal drawing, which teaches students to see relationships between the most complex characteristics of the form and corresponding tonal values of the materials used. The result is similar to the grisaille technique in painting. Restricted to non-degree students.

CCE 1485. Figure Drawing Short Course. 0 Credits.
This course will focus on drawing from live models during each session, working primarily with black and white materials. Students will learn how to capture the pose with quick gestures, to develop a quality of line with contours, and to become familiar with proportions by measuring and foreshortening. Short drills lead to long poses and the development of more complete, detailed drawings of the human form. Restricted to non-degree students.

CCE 1487. Portrait Drawing Short Course. 0 Credits.
This course in portrait drawing focuses on learning to draw the basic structure and form of the human head through organization of contours, proportions, and planes. Students develop skills in rendering facial features, explore movement and expression, and attempt to achieve a likeness. Restricted to Non-Degree Students only.

CCE 1488. Drawing the District: Nature. 0 Credits.
This course is designed to help students develop a broad foundation of naturalistic drawing using the unique offerings of Washington, D.C. Students draw nature onsite at places such as the U.S. Botanic Garden and the Smithsonian’s National Zoo and Natural History Museum. The course is suitable for both artists with some experience and students wishing to develop a strong portfolio for admission to art school or graduate school. Professionals also can use the course as an opportunity to build on their skills. Restricted to Non-Degree Students only.

CCE 1493. Drawing in the District. 0 Credits.
Students improve their ability to record and capture their visual impressions of the urban landscape using the unique neighborhoods of Washington, D.C. The class meets once per week at locations such as Dupont Circle, Capital Hill, Georgetown, and Embassy Row. Restricted to non-degree students.

CCE 1586. In My Home. 0 Credits.
This course focuses on the basic elements of interior design. A simplified approach to the principles of design in a residential interior allows students the opportunity to explore interior design within the context of their own homes. Restricted to non-degree students.

CCE 1588. Introduction to Interior Design Concepts for Nonprofessionals. 0 Credits.
This course is geared toward the nonprofessional design enthusiast who wants to gain a deeper understanding of interior design. The course covers interior design concepts and topics such as drafting to scale by hand, color and material systems, furniture, space planning, site development, lighting, and sustainability. Students undertake a design project, which involves applying these concepts to a small home’s interior and exterior and presenting the results to their peers. Appropriate for those students who are looking to stimulate their love of design in a more structured way, take on future renovation projects, and engage with designers and architects on a higher level. Restricted to Non-Degree Students only.
CCE 1650. Figure Sculpture. 0 Credits.
An exploration of subtractive versus additive methods within the practice of sculpture. Media used includes clay, plaster, metal, wood, and charcoal. Restricted to non-degree students.

CCE 1782. Portraiture Workshop. 0 Credits.
Focus on the mechanism of portraiture, covering subject, lighting, locations, and other elements. Students practice the skills they learn by creating portraits of one another as well as through brief homework assignments. Critiques, both group and individual, are a fundamental part of this course. Restricted to Non-Degree Students Only.

CCE 1785. Dark Room Photography Basics. 0 Credits.
Operating a camera, developing film, and printing photos. A manual 35 mm SLR camera with a working light meter is required. Laboratory fee. Restricted to non-degree students.

CCE 1789. Digital Photography Basics. 0 Credits.
This course develops photographic skills, and teaches students how to enhance pictures on the computer, and make digital prints. The curriculum introduces concepts in digital imaging and features of the digital camera. Students will learn about, and practice, shooting in aperture and shutter priority modes under different lighting conditions. Composition, depth of field, motion, raw file format, storage issues and color management concepts will be discussed. Basic methods of image enhancement using Adobe Photoshop are demonstrated and applied in preparing pictures for printing. Restricted to non-degree students.

CCE 1791. Basic Digital Photography II. 0 Credits.
This course is designed for students with moderate digital camera experience and/or who have completed CCE 1789, Digital Photography Basics. Students should have some experience with using a camera in manual mode and basic familiarity with Photoshop or similar photo editing software. Restricted to Non-Degree Students only.

CCE 1806. Ceramics Workshop: Creating the Teapot. 0 Credits.
An introduction to functional and sculptural teapot designs. Throwing and assembling techniques with emphasis on good craftsmanship. Pottery making techniques and the roles that balance volume, surface texture, negative space, and color have in making complex forms. Restricted to non-degree students.

CCE 1820. Introduction to Ceramics. 0 Credits.
This course is open to all skill levels. New students learn basic hand-building techniques and also learn to work on the wheel. Intermediate and advanced students focus on expressive development while building technical skills in construction, glazing, and firing. Lectures and demonstrations cover ceramic sculpture and pottery, glaze application, kiln use, and firing methods. Visits to contemporary and historical ceramic exhibitions are incorporated. Critiques address craftsmanship and personal expression. Restricted to Course restricted to non-degree students.

CCE 1825. Introduction to the Wheel. 0-1.5 Credits.
Students will be introduced to using the wheel to create functional pottery. The class will cover wedging, throwing, trimming, and glazing for simple forms. This course will explore the poetic presence that results from the character of clay, the manipulation of form, and the qualities of glazed surfaces. Projects will focus upon bowls and vertical forms with a glazing/slipping palette. Restricted to non-degree students.

CCE 1951. Becoming a Professional Artist. 0 Credits.
Topics include artist statements, grants, studio practice, etiquette, pricing, taxes, and tools available to emerging artists. Students develop a deeper understanding of the nature of the art world. Materials fee. Restricted to non-degree students.

CCE 1961. Pre-College: Figure Painting. 0 Credits.
Students work from observation and experiment with abstraction to learn painting fundamentals and the basics of color theory and composition. Subject matter includes both nude and draped models. Students are introduced to various materials, mediums, and techniques. Group and individual critiques take place throughout the course. To enroll visit www.precollege.gwu.edu. Studio fee. Restricted to high school students ages 16 to 18.

CCE 1981. A Week of Photoshop. 0 Credits.
This intensive workshop gives students a solid grounding in the fundamentals of Adobe Photoshop and the confidence to explore more advanced features. Students will learn how to scan and import images and artwork and how to correct and adjust image tone and color. Restricted to non-degree students.

CCE 1984. Web Design for Professionals. 0 Credits.
Using industry-standard Adobe Dreamweaver, this professional development workshop introduces students to the basics of modern web development and design, including best practices; formatting with CSS; understanding Web 2.0; reusing data; using open-source JavaScript libraries; the role of the database in web design, creating forms, using Photoshop to create mouse-overs, optimizing images for the Internet, using AJAX to create widgets and drop-down menus; and much more. Students will critique sites, discuss finding a niche in the huge world of web design, review likely web design trends in the next several years, and discuss project management and customer relations, including explaining the technical and design sides of projects to clients who are otherwise not equipped to evaluate project goals. It is recommended for students with at least two years of professional experience with Photoshop. Restricted to non-degree students.

CCE 2050. Typography I. 3 Credits.
Typography I.

CCE 2101. Special Topics: Painting. 0 Credits.
In-depth study of specialized areas, techniques, movements, and genres of painting. Topics vary by semester. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.

CCE 2106. Special Topics: Photography. 0 Credits.
Students will be introduced to using the digital camera to capture and manipulate images. Topics vary by semester. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.
CCE 2120. Intermediate Painting. 0-1.5 Credits.
This course will review the fundamentals of painting and focus on individual development of style, technique, and direction. With the instructor’s guidance, students will explore their personal visions and examine the historical and contemporary context of individual work. Class critiques and discussions will help students gain a better understanding of the painting process and increase their ability to express visual concepts. Students may work in oil or acrylic paint. This course is for intermediate and advanced students. Restricted to non-degree students. (Same as CCE 1120).

CCE 2122. Abstract Painting. 0-1.5 Credits.
This course explores the concepts and meanings of abstraction and their relevance in today's world. Students will draw on imagery from nature and the visible world, personal experience, ideas, dreams, and the history of abstract painting. No painting or drawing experience required. Restricted to Non-degree students. (Same as CCE 3220).

CCE 2135. Still Life Painting in Oil: Techniques of the Old Masters. 0 Credits.
Students become acquainted with the painting techniques of early seventeenth-century Europe. Starting with a tonal underpainting, students use transparent glazes to build form, color, luminosity, and drama. The paintings of Caravaggio, Georges de La Tour, Clause Lorraine, and Vermeer are used as guides as students become familiar with the terms chiaroscuro, tenebrism, and sfumato. Subject matter includes still life and landscape. Appropriate for both beginner and intermediate students. Restricted to non-degree students.

CCE 2140. Intermediate Botanical Painting in Watercolor. 0-1.5 Credits.
Continuation of CCE 1140. Further study of techniques of transparent watercolor using live plant material. Students will learn to apply paint and render the precise characteristics of specific plants, paying close attention to form, detail, and color accuracy. Beginning with a simple plant form, students will move quickly to more complex plant portraits. Those with botanical drawings may proceed immediately to finished paintings. Restricted to Non-degree students.

CCE 2201. Botany for Illustrators. 1 Credit.
Botany for Illustrators.

CCE 2220. Intermediate Jewelry. 0-1.5 Credits.
Focusing on individual artistic development as well as more advanced metalworking techniques, this course provides an opportunity for students to integrate their design sense into more conceptual projects. Technical topics to be covered include more advanced surface embellishment techniques, wire construction, fold forming, fusing, and more advanced mechanisms. This course is designed for intermediate students. Restricted to non-degree students.

CCE 2253. Intermediate Wheel Throwing. 0-1.5 Credits.
While being assisted in their efforts to enhance their throwing skills, students will be encouraged to explore a wide range of decorative techniques, both in the forms they produce and texturing and color treatments applied to those forms. Methods useful in the throwing of large forms will also be explored, as will possibilities of combining thrown shapes to create larger vessel or sculptural forms. Prerequisite: CCE 1253. (Same as CCE 1253).

CCE 2300. Intermediate Screenprinting. 0 Credits.
Use of water-based ink technology in a variety of techniques for stencil making suited specifically to the screen printing medium. Independent projects as well as those for group critique. For advanced students. Restricted to Non-Degree Students Only. (Same as CCE 1300).

CCE 2301. Special Topics: Printmaking. 0 Credits.
In-depth study of a specialized area in the art of printmaking. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.

CCE 2320. Digital Illustration I. 3 Credits.
Digital illustration I.

CCE 2328. Between Paint and Print. 0-1.5 Credits.
This course is an opportunity for painters to explore the possibilities and potential of integrating screenprinted imagery, textures, and ideas into painting as unique works or as serial projects. Students will explore ways to incorporate printed images directly into the painted surface, working with printing inks, resists, and adhesives to alter and organize the paint. Restricted to non-degree students.

CCE 2341. Woodworking & Furniture Design. 0-1.5 Credits.
This course explores the fundamentals of both traditional and contemporary design. From chairs to tables to a variety of cabinetry, students will have the ability to construct a work of their own design. Over the course of the semester, students will work with the instructor on the design and building of a piece of furniture. Instruction in the usage and techniques of both machine and hand tools are covered in conjunction with the execution of the finished piece. Beginning with sketches, students will explore design and materials, fabricate models, and generate construction drawings, with a goal of fabricating and completing their own project. Restricted to non-degree students.

CCE 2342. Hand Papermaking Techniques. 0 Credits.
Introduction to western papermaking as an art medium. The process of making production paper; manipulation of pulp. Studio techniques, including pulp painting, inclusions, watermarks, and sculptural techniques. Materials fee. Restricted to non-degree students.

CCE 2380. Sculpture in Clay. 3 Credits.
Sculpture in clay.

CCE 2401. Special Topics: Drawing. 0 Credits.
In-depth study of a specialized area in the art of drawing. Topics vary by semester. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.
CCE 2420. Intermediate Drawing. 0-1.5 Credits.
This course further develops drawing skills and explores a wider range of materials related to drawing through still life, landscape, and the model. Students should enter with basic drawing skills. Restricted to non-degree students.

CCE 2440. Intermediate Botanical Drawing. 1.5 Credit.
This course is a continuation of Introduction to Botanical Drawing. In this exploration of the history, issues, and concepts of detailed plant drawings, students will use graphite and colored pencil. The course explores the close observation of form and the use of contemporary drawing sensibilities in the tradition of botanical illustration. Notable historical and contemporary artists of this genre will be discussed. Restricted to Non-degree students.

CCE 2501. Special Topics: Interior Design. 0 Credits.
In-depth study of a specialized area in interior design. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.

CCE 2600. Medieval Illumination. 0.5 Credits.
Medieval illumination.

CCE 2601. Drawing Cacti & Succulents. 0.5 Credits.
This workshop explores the beauty and subtle color and variety of forms of cacti and Succulents. Open to students of all experience levels the workshop includes basic drawing techniques with a study of values to capture form in pencil, ink, as well as capturing color using pastel pencils. Basic plant anatomy, botanical illustration techniques as well as simple color theory and an exploration of composition principles in both Eastern and Western art traditions will be discussed. A variety of dry media techniques will be demonstrated. Restricted to Departmental approval required to register.

CCE 2625. Introduction to Metal Sculpture. 0-1.5 Credits.
This course is designed for beginning students and will explore welding, cutting, bending, and fastening a variety of metals. Oxyacetylene and MIG welders, cutting saws and shears, and the bending brake will be introduced. Students will construct sculpture projects of their own design. Restricted to non-degree students.

CCE 2635. Intermediate Woodworking & Furniture Design. 0-1.5 Credits.
In this intermediate course students expand on introductory skills and techniques and will construct a work of their own design. Over the course of the semester, students will work with the instructor to design and build a piece of furniture. Instruction in the usage and techniques of both machine and hand tools are covered in conjunction with the execution of the finished piece. Restricted to non-degree students. (Same as CCE 2341).

CCE 2645. Introduction to 3D Printing. 0 Credits.
Set up and use of a 3D printer and overview of 3D modeling software programs that can be used to create and manipulate 3D objects for printing. Students should have a basic knowledge of 3D modeling software and be familiar with Windows operating systems. Laboratory fee. Restricted to non-degree students.

CCE 2701. Special Topics: Photography. 0 Credits.
In-depth study of a specialized area in photography. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.

CCE 2735. Botanical Photography Workshop. 0.5 Credits.
This two-session workshop emphasizes creative approaches to flower photography, visual composition, managing light, choosing a background, and close-up photography. Participants learn how to use props-such as textured Plexiglas, fabrics, and decorative objects to enhance and capture the beauty of flowers. Restricted to non-degree students.

CCE 2801. Special Topics: Ceramics Studio. 0 Credits.
In-depth study of a specialized area in the art of ceramics. Consult the Schedule of Classes for more details. While not required, some background in wheelthrown ceramics and design is helpful. Materials fee. Restricted to non-degree students.

CCE 2823. Pyro-techniq: Atmospheric Effects/Firing. 0 Credits.
This course is an introduction to multiple experiences of firing techniques from ancient ceramic traditions as an alternative form of expression in contemporary ceramic practice. The class explores the materials and methodologies of pit-firing, sagger-firing, and wood-firing. A wide range of firing temperatures are explored to mirror the development and understanding of firing methods through history. The course requires travel to off-site locations for daylong excursions on weekends to conduct firings. All clay building techniques are encouraged with each firing method, which offer their own set of parameters on ceramic forms and fired expression. Restricted to non-degree students.

CCE 2825. Intermediate Wheel Throwing. 0-1.5 Credits.
This course enhances student throwing skills and encourages exploration of a wide range of decorative techniques related to form and texture in ceramics. Methods useful in the throwing of large forms will also be explored as will possibilities of combining thrown shapes to create larger vessel or sculptural forms. Students should enter with basic pottery and ceramics skills. Restricted to non-degree students. (Same as CCE 1825).

CCE 2901. Special Topics: Art History. 0 Credits.
In-depth study of a specialized area of art history. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.
CCE 3131. **Painting in a Series. 0 Credits.**
For intermediate and advanced students interested in producing a coherent and expressive body of work. Students identify core themes in their work, refine drawing and painting skills, and develop focus and organize efforts toward a coherent artistic vision. Laboratory fee. Restricted to non-degree students.

CCE 3200. **Advanced Jewelry. 0-1.5 Credits.**
This course culminates the general jewelry class offerings and is designed for advanced students. Students design and create a portfolio of work around a central theme or theory using all the skills developed in lower-level courses. Restricted to non-degree students.

CCE 3210. **Advanced Painting: Special Topics. 3 Credits.**
Advanced painting.

CCE 3220. **Advanced Abstract Painting. 0-1.5 Credits.**
Both individual and group critiques will be provided, with emphasis on the development of personal attitudes and approaches to painting. Out-of-class work will be encouraged and critiqued in relation to in-class work. This course is designed for intermediate students. Restricted to Non-degree students.

CCE 3430. **Design for Mobile Devices. 1.5 Credit.**
Design for mobile devices.

CCE 3601. **Special Topics: Sculpture. 0 Credits.**
In-depth study of a specialized area in the art of sculpture. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students. Recommended background:

CCE 3635. **Advanced Woodworking and Furniture Design. 0-1.5 Credits.**
This course explores the fundamentals of both traditional and contemporary design. Students will work with the instructor on the design and building of a piece of furniture. Instruction in the usage and techniques of both machine and hand tools are covered in conjunction with the execution of the finished piece. Beginning with sketches, students will explore design and materials, fabricate models, and generate construction drawings, with a goal of fabricating and completing their own project. This course is designed for students with experience in woodworking and furniture design. Restricted to non-degree students. (Same as CCE 2635).

CCE 3901. **Special Topics: Digital Media. 0 Credits.**
In-depth study of a specialized area in digital media. Consult the Schedule of Classes for more details. Materials fee. Restricted to non-degree students.

CCE 6110. **Letterpress I. 3 Credits.**
Letterpress.