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Subject	Catalog	Course Title	Course Description	Requirement or Prerequisite
ARED	701	Child Development in Art	In this course students will investigate and study the topic of child development in art and education. Students will explore a range of perspectives on developmental theories; the creation, and understanding of children's art and meaning making; and approaches to teaching art to children in a Birth-12 setting. Resources from the areas of art, psychology, sociology and art education will be investigated. Projects will include the development of a case study, relevant readings, research and studio activities, and collaborative research. Students will be expected to complete weekly reading, writing assignments, conduct research and field experience, and to participate in weekly discussions. This course has a field experience component of 20 hours.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
ARED	702	Inclusive Art Education: Teaching Students with Disabilities in the K-12 Art Classroom	Art Educators are expected to be able to understand the diverse learning needs of all students. Students in this course will discover how to adapt their own curricula and collaborate with special needs teachers to help students succeed in the art classroom. Through course work and field experience students will build a foundation of knowledge for working with children and youth with special needs. Students will develop new instructional strategies for making visual art more accessible for students with exceptionalities and a plan to incorporate accessibility strategies into their daily teachings. In a seminar format, the students realize the course objectives through participatory means. Students are expected to write critical essays, conduct research and field experience, and to participate in weekly small and large format discussion groups. Online technology is utilized in addition to lectures, videos, and other forms of media. This course has a field experience component of 20 hours.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
ARED	703	Multicultural Issues in Art and Education	This course will explore a range of perspectives on multicultural issues in the visual arts and education fields. Course content will cover making connections with contemporary multicultural art, the implementation of lesson plans based on multicultural issues for the art education classroom, and an examination of curriculum and policy issues. Students are expected to write critical papers and essays, develop curriculum resources, and to participate in weekly discussions. This course has a field component of 20 hours.	This class is restricted to degree-seeking graduate students or those with permission from instructor.

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ARTH	650	Topics in Art History: Postmodernism- After:Aesthetic	This course explores the history of contemporary art and visual culture, from postmodernism to the present. We will focus on major artistic movements such as Pop Art, Minimalism, Conceptualism, and Relational Aesthetics, and in the course, we will discuss a wide swath of media, including film, photography, comics, painting, sculpture, performance, television, and print. Along and inseparable from aesthetics and media, we will chart the ways in which class, gender, race, and sexual inequality have figured into the major aesthetic movements of our time. Ultimately, we will try to come to an understanding both of what postmodernism was, as it emerged in the 1960s and became dominant in the 1990s, and what has come after postmodern in the first decades of the 2000s.	This course is restricted to CAD Graduate students.
ARTH	663	Modern Architecture	In this course, we will explore the history of world architecture from the late nineteenth century to the present. Issues to be considered include the definition of modern as it applies to the built environment; new building types; historicism; stylistic movements; urban development; housing; modern materials; critical theory and its impact on design; and architectural representation.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
ARTH	673	Conceptual Art	This course examines the widely influential mid-1960s art movement that questioned the fundamental nature of art itself by renouncing the material art object as well as the phenomenon of art making. The definition of art as well as its institutional framework was thereby expanded, and the idea, concept, or intellectual dimension of the work was underscored. Students will be acquainted with the philosophical foundations and critical implications of this global movement across a wide spectrum of works and practices (paintings, performance, installations, books and texts, photography, film, and video) and its relevance to contemporary concerns.	This course is restricted to CAD Graduate students.
ARTH	674	Dada and Surrealism	This course examines the widely influential Dada and Surrealist movements in Europe and the United States from 1916 through the post-World War II period as well as their relevance to contemporary concerns. Emphasis is on identifying the major works of artists involved in these movements as well as their philosophical foundations, critical implications, as well as broader literary and ideological contexts (e.g., Freud, Breton, Lautréamont, Leiris and Bataille). A wide range of works and practices (paintings, performance, installations, literary texts, photography, film, and ephemeral objects) will be studied, and the work of certain key artists (Höch, Heartfield, Schwitters, Duchamp, Picabia, Picasso, Dalí, Ernst, Giacometti, Man Ray, Bellmer, Cahun, Cornell, Magritte, Miro, Oppenheim, Toyen and Picasso) will be analyzed in depth.	This course is restricted to CAD Graduate students.

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CCER	630	Ceramics Elective III: Moldmaking/Slipcasting	This is a class specifically designed for non-majors covering the fundamental techniques and aesthetics of working with plaster and slip casting clay. Topics covered will include the forming techniques on simple and complex molds, basic properties of clay, glazing and firing techniques and fundamental understanding of historical and contemporary practices and applications. The course includes prescribed projects based on the number of studio hours. **Course fee of \$100 via student account**	This class is restricted to degree-seeking graduate students or those with permission from instructor.
CGLS	630	Glass Processes	This course is designed for non-majors and covers fundamental techniques and aesthetics of working with glass. Topics will include glass forming, hot and cold-working techniques, basic properties of glass, fundamental understanding of historical and contemporary practices and applications. There is required out-of-class work time in the glass studio for a minimum of 6-9 hours per week. **Course fee of \$165 via student account**	This course is restricted to CAD Graduate students.
CMTJ	630	Form and Fabrication: Metals and Jewelry Design	This is an elective course providing graduate-level students an opportunity for introductory study in metals: either hollowware or jewelry. Students will gain an understanding of the history of metals. Development of metals techniques, design fundamentals and encouragement of personal expression are encouraged. The student will learn to evaluate new techniques, materials and concepts. Slide lectures, technical demonstrations, field trips, hands-on experience and critiques used. **Fee: There is a lab fee required for this course** **Course fee of \$100 via student account**	This class is restricted to degree-seeking graduate students or those with permission from instructor.
CWFD	630	Furniture Design Elective III	This is a class designed for non-majors, covering a fundamental introduction to techniques and aesthetics of woodworking. Topics covered include the use of select hand tools and woodworking power tools, wood as a material, its basic properties and fundamental processes of wood fabrication. The course includes a prescribed project based on five in-class contact hours. **Course fee of \$50 via student account**	This course is restricted to CAD Graduate students.
CWTD	630	Quilting Graduate Elective	This course will introduce the beginner to the textile studio and to textiles as a creative material. Particularly the art of quilting. The students will acquire the ability to sew by hand and by machine. Lectures will include topics such as quilt design, fabric surface design, the history of quilting and techniques of quilting. **Fee: There is a lab fee required for this course**	This course is restricted to CAD Graduate students.
IDDE	607	Technology Studio	This course explores the use of computer-aided design (CAD) and other related technologies as tools for designing, modeling, visualizing, simulating and fabricating design solutions. Emphasis is given to the combination of digital and analog technologies, and the workflows for using them effectively in design process.	

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ILLS	659	Illustrative Design	Illustrative Design is an introduction to the principles and methods used to incorporate illustration with typography and layout. Students will conceptualize, organize and execute illustrations within a design context. Illustrative Design I will emphasize the use of graphic elements such as symbols, charts, and type to be incorporated into illustrations. Layout terminology and illustration production methods will be included. Projects will expose students to various examples of real-world assignments that will demand the use of traditional illustration methods as well as computer-based production media. Assignments will stress solutions that are typically managed by art directors and designers. The course will emphasize the language of visualization and the relationship and coordination of concept, illustration and word.	This course is restricted to CAD Graduate students.
INGD	721	Elements and Methods	An introductory experience building the visual, verbal and cognitive understanding of three-dimensional design elements and principles. Projects focus on the design processes through the study of abstraction and developing the ability to see, organize, and manipulate (explore) elements to achieve the desired sensory responses.	
INGD	726	Visualization I: Development	This course is an introduction to drawing objects and three-dimensional space as a means of developing and communicating design concepts. Students will understand and use the basics of perspective sketching, mechanical perspective, grids and orthogonal views to communicate design concepts.	
INGD	731	Design Studio I: Concepts	Theoretical and pragmatic approaches to responsible design practices are developed through processes of iteration, divergent/convergent thinking and critical analysis. Projects focus on human-centered approaches and the contextual relevance of products, service and systems.	
PAIT	760	Watercolor	This course focuses on the exploration of watercolor techniques and concepts to enhance skills and personal expression of the individual student.	This course is restricted to CAD Graduate students.
PHGR	656	The Moving Image and Contemporary Practices	This course will explore the history and evolution of the moving image in visual art. Students will use digital and analog technology to create new work that expands on the disciplines of photography and video. Throughout this course, students will explore time-based media for production, installation, web-based, and social media platforms using mobile devices, editing, compositing software, and projection technologies to create and display work. Exploring a wide range of video, digital imaging, projection, and photographic artists and methods, students will have an opportunity to integrate the moving image into their individual discipline and portfolio of work. Students will also read and discuss published writings and work by established artists.	

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PHGR	701	Histories and Aesthetics of Photography I	This course, the first in a two-semester sequence, will present an overview of the multiple and intersecting aesthetics, applications, perceptions, and philosophies of photography. Readings and discussions will examine the emergence and establishment of fine art photography, documentary and photojournalism, photography in the sciences, commercial and pop-cultural photographic applications, photography in the political arena, and photography as a mode of social interaction and identity formation. The class will also study the evolving technical history of photographic processes and the proliferation of critical theoretical perspectives on the medium during its first 100 years.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
PHGR	724	Professional Development for the Emerging Artist	This course prepares students for entering a career in the arts. Course content covers practical information related to professional practice such as crafting a CV, grant writing, writing an artist's statement, creating a professional application packet and researching exhibition spaces and other opportunities for artists.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
PHMS	611	Media Foundations: The Digital File	This course will investigate the creation, workflow and output of digital media files, using a variety of capture devices including digital cameras, smartphones, 2D/3D scanners, audio and video recording devices. Course content will focus on device preferences, file attributes, workflow, output, compression with consideration of data management using different media. Hands-on exercises reinforce concepts such as: file types, data compression, color management, media delivery, and distribution. Students will evaluate the influences of operator choices at each stage along the image chain. Special attention will be given to identifying and cultivating industry best practices. At the conclusion of the course, students will be able to create optimized files using a variety of devices that include metadata construction.	
PHMS	711	Industry Issues, Trends, and Opportunities	This course will present a detailed overview of critical trends and issues related to the graphic communications and imaging industries. It will provide an in-depth analysis of key technologies with a special emphasis on emerging, disruptive innovations as well as business, environmental and regulatory issues. The course content will emphasize cultural, economic, and technological trends and is intended to provide students with industry accepted methods used to identify changes in the industry. By tracing historical roots, analyzing present issues and detailing future trends, students will be prepared to develop insights into the nature and scope of the challenges and opportunities facing industry leaders and how to manage these challenges. As a part of the experience, students will develop sharply focused analytical skills and the ability to summarize findings based on industry normals.	
SCUL	643	Foundry Practices	This course is designed to introduce or develop students' skills in casting metals with an emphasis on cast iron and the use of cupola. Advanced pattern-making, mold-making, sprueing, patination, and casting techniques will be introduced. Students will develop their concepts through cast metal sculpture. **Course fee of \$160 via student account**	

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SCUL	683	Welding and Fabrication	This course will introduce and develop skills in metal fabrication. Several different types of equipment will be introduced and explained along with the welding and cutting processes. Students will complete a body of work consisting of finished fabricated steel sculptures. The course will be taught off-campus at Rochester Arc and Flame Center connected to Mahany Welding, 115 Fedex Way, Rochester, NY. **Course fee of \$100 via student account**	This course is restricted to CAD Graduate students.
SOFA	605	Basic Sound Recording	This course will provide specialized knowledge and work in sound to prepare the student to be able to distinguish and evaluate proper sound techniques for film and animation productions. The course lays the foundation for professional work in the sound industry. Each student will record an audio and prepare a mixed soundtrack to professional quality standards.	This course is restricted to CAD Graduate students.
SOFA	617	Stop Motion Puppet Fundamentals	This introductory course will give graduate students a basic and solid understanding of stop-motion animation. The class will cover aspects of stop-motion in its various forms but will mainly concentrate on stop-motion puppet / character animation. There will be demonstrations on model fabrication, animation techniques and camera / grip techniques. Topics, such as latex and silicon mold-making and intensive postproduction techniques will be introduced.	This course is restricted to CAD Graduate students.
SOFA	635	Acting for Film	A course in basic acting technique with an emphasis on the requirements of film production. Students are introduced to various approaches to acting through exercises and by performing in scenes from professional productions. Scenes are rehearsed outside of class, and then staged and critiqued during class time.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
SOFA	662	Film History: Women Filmmakers	Women directors have made considerable contributions to the art of filmmaking in all periods of cinema history, especially in the early days of film when there were many, many female directors. The history of women in early cinema has been neglected until fairly recently. We study the history of women film directors from the silent era to the present. One of the most interesting aspects of the class is discovering how film history in being actively rewritten to include the work of women and minority film directors. The range of directors we study is international and diverse including directors such as Alice Guy Blaché, Lois Weber, Maya Deren, Ida Lupino, Claire Denis, Lucrecia Martel, Agnes Varda, Ava DuVernay, Dee Rees, Sofia Coppola and many others. The course covers an international spectrum of women filmmakers; therefore we discuss nationality, race, class, sexuality, especially as these issues relate to the revision of film history and film reception. This is an exciting and unique class that covers rare films by neglected and forgotten women in film history, as well as the films of celebrated and contemporary women directors.	This course is restricted to CAD Graduate students.

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SOFA	693	Film Sound Theory:Voice	This course is one of three courses offered in the study of film sound theory. Through readings, focused group discussion, and the viewing/listening of select films, the course promotes critical analysis of the varied and profound uses of music in sound design. The history of voice from the silent era to the modern sound design will be addressed. The concepts studied include the modal changes in point-of-audition, and positioning across diegeses. Other topics like the acousmetre and the mute, vococentric mixing and separation, relativizing, and dialogue theory are also addressed. Each student gives a presentation on a chosen concept within film voice theory.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
STAR	635	Curating and Managing Art Spaces	This course explores the roles of contemporary, traditional, and alternative art spaces through curatorial studies, exhibition evaluation and criticism. Student will consider gallery administration roles and supporting operations, and undertake site visitations and gallery research. Students will organize and install a final exhibition project in an approved exhibition venue.	This class is restricted to degree-seeking graduate students or those with permission from instructor.
STAR	650-01	Topics in Studio Arts: Paint Plant/Animals	This class will explore plants and animals in our current culture through a range of 2D and 3D media such as charcoal, paint and clay. The transition from direct observation to conceptual work will be a central focus of the class. Within the context of plants and animals, readings will be used as a jumping off point to discuss contemporary themes such as identity, the body, time, memory, place, language, science and spirituality. This course will provide a technical overview of observational drawing, painting, sculpting and methods of anatomical research.	This course is restricted to CAD students.
STAR	650-02	Topics in Studio Arts: Personal Focus	Students will develop a written and visual proposal for two projects that will be completed by week 7 and week 14 of the semester. Preliminary sketches and concepts are expected, and will be used for critical reviews, and class discussion. Students will create a series of paintings that will investigate subjects outlined their project proposals These collections will reflect their own creativity, self-expression and skill development. Emphasis is on clarity of concepts and unlocking of their creative force through imagination and visual research. Work must reflect the engagement and concern for beauty, freedom, and deeper expressions of life.	This course is restricted to CAD students.
STAR	678	Screenprinting	This course will be a comprehensive introduction to non-toxic silkscreen printing concepts and techniques. Organized to create a broad introductory experience, the course will focus on the expansion of problem solving and skill building within the context of screenprinting. The course will address a wide variety of media, tools, techniques both traditional and technological and the theoretical concepts to facilitate skill development and experimentation with process. Accumulative aspects of the curriculum will include the exploration of historical and cultural concepts of materiality and the multiple, intertwined aspects of personal interpretation and experience. **Course fee of \$100 via student account**	