

Art (ART)

Course information contained within the Bulletin is accurate at the time of publication in July 2024 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

ART 0822. Human Behavior and the Photographic Image. 3 Credit Hours.

How do photographs become more than just a pile of disparate images? Is there more to photography than that single "decisive moment" in the hunt and capture of an image? How do photographers comment on issues that are important to them? How can photographs tell a story? Is there a way one can use the art of photography to elicit change? In this class, students will use their digital cameras to investigate individual photographs, as well as series of photographs. We will look at photography in its historical context -- at the advent of documentary photography and photojournalism, and at narrative photography in its more contemporary form, as photographers use it to chronicle their own lives and to tell a story. Through the exercises of looking at and making photographic images, several core concepts of social work, along with theories of human behavior in the social environment, will be introduced. Students will learn not only about the place photography holds in our culture, but our culture itself, and the students' place in that culture. Students will critically analyze published photographs, as well as photographs made during the class. The semester will culminate in a class exhibition where students will be given the opportunity to present their photographs to the public, demonstrating their understanding of human behavior in the social environment. NOTE: This course fulfills the Human Behavior (GB) requirement for students under GenEd and Individual & Society (IN) for students under Core. Students cannot receive credit for this course if they have successfully completed SSWU 0822, GAD 0822 or PHOT 0822.

Course Attributes: GB

Repeatability: This course may not be repeated for additional credits.

ART 1010. Special Topics. 1 to 3 Credit Hour.

In this studio art course, approaches to making and understanding images in various media will be addressed.

Repeatability: This course may be repeated for additional credit.

ART 1011. Introduction to Visual Language, 3-D Design. 3 Credit Hours.

A foundation course in 3-D design focusing on the principles, elements, and technical processes for visual understanding and creative expression.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Course Attributes: AR

Repeatability: This course may not be repeated for additional credits.

ART 1012. Introduction to Visual Language, Design. 3 Credit Hours.

A foundation course in design focusing on the principles, elements, and technical processes for visual understanding and creative expression.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Course Attributes: AR

Repeatability: This course may not be repeated for additional credits.

ART 1101. Introduction to Beginning Ceramics for Non-Tyler BFA Majors. 3 Credit Hours.

This course introduces the aesthetic, concept and design of functional objects. Investigates tactility and the process of realizing form, and the effective use of the wheel as a creative tool. Introduces historic and contemporary approaches, firing techniques, and glaze application. NOTE: This course does not fulfill Tyler BFA requirements.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1201. Introduction to Fibers for Non-Tyler BFA Majors. 3 Credit Hours.

This course focuses on the fundamental structural and surface techniques of fibers. Techniques including weaving, surface dyeing, felt making, embroidery, basketry, and basic hand and machine sewing will be introduced. Students will be encouraged to explore their own unique interpretations using alternative and traditional fiber materials to create contemporary works of art. NOTE: This course does not fulfill Tyler BFA requirements.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1301. Introduction to Glass for Non-Tyler BFA Majors. 3 Credit Hours.

This is a studio course that will introduce the student to a variety of glass studio methods and processes. It will include glassblowing, glass casting, and glass fabrication. NOTE: This course does not fulfill Tyler BFA requirements.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1401. Introduction to Jewelry for Non-Tyler BFA Students. 3 Credit Hours.

This course teaches the student to design and create objects in metal, and combine metal with other materials. The course focuses upon both design and technique. The student learns the fundamentals of design, current styles and formal characteristics of jewelry and metal objects through a series of design problems. Basic techniques of metal manipulation are covered from working with pre-existing metal forms as well as transforming objects into metal from non-metal models. The student learns to understand the field of metal as it relates to contemporary society, and the potentials of a career as an artist, working in metal and plastics. Students will be encouraged to design jewelry and/or objects that have personal meaning. Students will be asked to conceptualize each assignment, research historical precedents, and develop their ideas through a series of drawings and/or models. NOTE: This course does not fulfill Tyler BFA requirements.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1402. Introduction to CAD for Non-Tyler BFA Students. 3 Credit Hours.

Using Rhinoceros 3D CAD modeling software and Flamingo photorealistic rendering software the student will learn to customize the modeling environment and create basic graphic objects: lines, circles, arcs, curves, solids, and surfaces. Students will proceed to draw with precision using coordinate input and object snaps and modify objects with edit commands. This course will show students how to display any portion of the model, import and merge models and output models to different file formats. Creating, testing and verifying solid models in STL file format for production of rapid prototypes will be a focus of this course. Finally, photorealistic rendering of CAD models will be practiced. NOTE: This course does not fulfill Tyler BFA requirements.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1501. Painting on Paper for Non-Tyler BFA Students. 3 Credit Hours.

This introduction to watercolor and other water-based media course meets in the studio as well as on-site throughout the city. Subjects range from landscape to the model and still life with an emphasis on art historical and current references to subject matter. Painting from observation provides the structure for almost all the assignments but individual interpretation and fluency with color are the ultimate goals of the class. NOTE: This course will not fulfill Tyler BFA requirements.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1502. Introduction to Visual Language, Painting. 3 Credit Hours.

A foundation course in painting focusing on painting techniques, conceptual development, and the use of elements of design for creative expression.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Course Attributes: AR

Repeatability: This course may not be repeated for additional credits.

ART 1503. Introduction to Visual Language, Drawing. 3 Credit Hours.

A foundation course in drawing focusing on drawing techniques, conceptual development, and the use of elements of design for creative expression.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Course Attributes: AR

Repeatability: This course may not be repeated for additional credits.

ART 1504. Philadelphia Sketchbook. 3 Credit Hours.

This non-majors drawing course combines studio instruction in basic drawing skills as well as on-site drawing in Philadelphia's many historical sites and museums. Emphasis will be on improving observational skills and drawing techniques. Students will be encouraged to develop their own unique vision. This course has no prerequisites. Daily outings will be required to various significant Philadelphia sites.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Level Registration Restrictions: May not be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

ART 1505. Intermediate Painting. 3 Credit Hours.

A second semester level course in oil painting that builds on the ideas introduced in ART 1502 (formerly ARTU 1101 (C079)) with emphasis on conceptual and technical growth. NOTE: This course is required for Art and Art Education majors.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 1502 or ARTU 1101)

ART 1506. Intermediate Drawing. 3 Credit Hours.

Figurative painting in pastel coupled with basic drawing approaches and techniques. A second level drawing course emphasizing more advanced drawing strategies and the use of chalk pastels. The model is used, although not exclusively.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 1503 or ARTU 1401)

ART 1601. Art Photography: Darkroom. 3 Credit Hours.

The student is expected to master the basic photographic skills quickly through the use of lecture/demonstration, critiques and independent lab and field work. The course then concentrates on the use of photography as a fine art medium.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1602. Art Photography: Digital. 3 Credit Hours.

The basic principles of digital photography, including shooting with a digital camera, manipulating images within the computer, and printing to inkjet printers are taught. The course focuses on black & white photo, including duotones. Emphasis is placed on technical expertise, creative development, and an understanding of the potential of imaging software.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1603. Art Photography / Digital On-Line. 3 Credit Hours.

This course teaches students the use of low-tech devices such as cell phones and point-and-shoot cameras for photography, video and sound recording. The results are posted to art-specific online visual communities similar to Facebook and YouTube. Responses from fellow students are evaluated in class critiques. This course raises the aesthetic bar above what is usually seen online. It teaches students how to see the world through a camera, organize the visual spaces found in their local community, and fill these photographs with meaningful content that can communicate the personal vision they develop during the semester to a broader audience.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1604. The Shared Image: Photography and Social Media. 3 Credit Hours.

This course will use smartphone photography to explore the relationship between conceptual aspects of photographic imagery and our use of social media. Students will be asked to consider their role as a cultural producer and contemporary uses of imagery in relation to Photography as an artistic medium. The use of social media platforms will provide students with real-world outlets to share ideas and interact with others, and encourage them to take account of the personal responsibility associated with how we use imagery to create meaning and represent ourselves in a virtual community.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1701. Screenprinting. 3 Credit Hours.

This course engages students in historic and contemporary approaches to water-based screenprinting concepts and technologies, while encouraging a multi-disciplinary approach to fine art print production. Students will begin with direct cut-paper and hand-painted stencils and move into more complex hand-drawn and digitally manipulated photographic techniques. There will be an emphasis on multi-colored, multi-layered prints as well as the print as image, book, poster, installation, and sculpture. Community and group-based activities will be an integral part of the course.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1702. Artist Books, Zines and Independent Publishing. 3 Credit Hours.

Throughout the semester, you will learn the basics of bookbinding, DIY independent publishing, and limited printmaking processes. This will include, but is not limited to: basic book binding terminology, tools, and structures; basic printmaking techniques, covering hand printing techniques and alternative printmaking processes; development and dissemination of work completed in class; and working knowledge of contemporary practices and working artists in the Book Arts and Zine fields.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Art, Tyler:Design and Illustration.

Repeatability: This course may not be repeated for additional credits.

ART 1801. Introduction to Woodworking. 3 Credit Hours.

Have you ever wanted to make furniture that doesn't come from Ikea? Have you ever looked at a beautifully crafted chair and asked, "How does that get made?" Have you ever tried to build a bookcase from scrap material only to have it fall apart a week later? Do you know the difference between a "hard" and a "soft" wood? (Hint, it has nothing to do with how easy it is to scratch.) This course is designed to familiarize students with the language and skills necessary to create both functional and aesthetic works out of wood. Through practical demonstrations, readings, project based assignments and group/individual critiques, students will advance their studio practice to utilize wood as a structural material and will have a deeper understanding of craft theory as it applies to wood. Each student will have the opportunity to construct several sculptural and functional furniture pieces over the course of the semester. Note: Prior to fall 2024, the course title was Non-Tyler BFA Woodworking.

Repeatability: This course may not be repeated for additional credits.

ART 1802. Introduction to Welding. 3 Credit Hours.

This course introduces the basics of metal fabrication with an emphasis on sculptural design. Skills covered include cutting, bending, cold assembly methods, welding, and finishing. Students will become familiar with a range of metal shop tools - including hand tools, power and pneumatic tools, stationary equipment, and welders - and will demonstrate competency in these tools and related processes through individual skill assessments and project assignments. This course is designed to cultivate the enjoyment of hands-on practice and will provide a safe environment in which to build skills, experiment with materials and processes, and take creative risks. However, developing technical proficiency requires hard work and practice, and students will be held to a high standard. Students' work will culminate in a final project incorporating multiple fabrication processes learned over the course of the semester, developed in consultation with the instructor based on each student's goals and/or interests.

Department Restrictions: May not be enrolled in one of the following Departments: Tyler:Painting and Sculpture, Tyler:Art, Tyler:Crafts, Tyler:Design and Illustration.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Undergraduate.

Repeatability: This course may not be repeated for additional credits.

ART 2001. The Art of Infographics. 3 Credit Hours.

This course is an introduction to data visualization and infographic design. It explores the history of data visualization and infographic design, from cave paintings to contemporary design, covering static, animated and interactive solutions. Lectures on visual literacy and graphic design foundations will help the students develop the vocabulary necessary to critically analyze contemporary infographics. Students receive basic instruction in the creation of infographics and develop their own infographic utilizing supplied data. This course will include readings from Edward Tufte's *The Visual Display of Quantitative Information*. Tutorials may also be used for outside software instruction.

Repeatability: This course may not be repeated for additional credits.

ART 2002. Introduction to Illustration. 3 Credit Hours.

This course introduces students to concepts and techniques in illustration. Basic drawing skills will be needed for this course.

Repeatability: This course may not be repeated for additional credits.

ART 2003. Introduction to Web Design. 3 Credit Hours.

This course instructs students in the fundamentals of interactive design with a focus on the use of interactive software, layout, typography, hierarchy and organization. Basic working knowledge of Adobe Photoshop and Illustrator required.

Repeatability: This course may not be repeated for additional credits.

ART 2004. Mobile Apps: Design/Prototype. 3 Credit Hours.

This course will walk students through the creative process of concept development, design and prototyping a mobile application. The audience for this class includes, but is not limited to: entrepreneurs, business students, computer science/programming majors, advertising students, and anyone interested in design thinking and creative problem solving. Students do not need any prior design knowledge, though some basic Adobe Photoshop skills would be helpful. The course will work through the creative process of identifying a problem, conducting research, brainstorming a solution, studying the user experience, creating a wireframe and executing many iterations to design a working prototype. This course will not involve the actual development of the app. After engaging in group brainstorming and concept development sessions students will understand how group work can help them arrive at the best possible solution for a problem. User experience exercises investigate how a user interacts with a product to create a positive experience. Wireframe exploration and design iterations will establish an overall plan for the mobile app. A study of color, composition and typography will also enhance the visual execution of the app. The final apps will be created as working prototypes.

Repeatability: This course may not be repeated for additional credits.

ART 2010. Special Topics in Art. 3 Credit Hours.

In this studio art course, approaches to making and understanding images, objects and experiences in various media will be addressed. Each topic will be addressed through contextual, procedural, material and critical lenses.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 2011. Socially Engaged Arts Practices in Communities. 3 Credit Hours.

Community Arts brings artists together with people of a community of location, spirit, or tradition, to create art that is based in the life of that community. This course introduces students to the history and theory of Community Arts and current projects in Philadelphia and nationally, through field trips, guest speakers, readings and research. Students will engage in arts projects to orient to and re-discover their own communities of origin in relation to Community Arts and examine issues of race, class, and aesthetics. The course prepares students to become involved in the field internships that are being offered through Tyler/Temple's Arts in Community Program and is a prerequisite for other Arts in Community courses.

Repeatability: This course may not be repeated for additional credits.

ART 2061. Moving Image and Sound. 3 Credit Hours.

This foundational course introduces students to the possibilities of moving image and sound practice. Through screenings and readings by a diverse range of artists, filmmakers, and theorists, students will be introduced to critical concepts in contemporary time-based art practice. Assignments will explore the relationship between still and moving image, sound and deep listening, performance, film/video production, and post-production. Students will acquire a strong understanding of digital video and audio capture and contemporary digital editing practices.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 2101. Beginning Ceramics. 3 Credit Hours.

Wheel thrown and hand formed pottery and sculpture, glazing, and firing, with an emphasis on design as an organic outgrowth of the ceramic process. NOTE: This course is a prerequisite for all other ceramic courses.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 2102. Intermediate Ceramics. 3 Credit Hours.

Creative problems in pottery for the student who has mastered use of the wheel and basic ceramic processes. Kiln firing techniques and simple glaze formulation will also be covered.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2101 or CRFT 2151)

ART 2201. Introduction to Fibers and Material Studies. 3 Credit Hours.

Students are introduced to a wide range of fiber processes, tools, materials, equipment, and ideas in relation to the contemporary discourse surrounding Fibers and Material Studies. Students will learn about contemporary artists working within the field as well as gain an understanding of its histories. This course includes an intro to dye and print on cloth, weaving, tapestry, sewing and various construction techniques. Emphasis is placed on material exploration as well as developing an awareness of the conceptual framework within which one can explore. Visits to local galleries, museums and artist studios will augment the class. Prior to fall 2016, the course title was "Off Loom Structure I".

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bach of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 2202. Dyeing for Color I. 3 Credit Hours.

This class is an investigation into the unique properties of dye and color. Over-dyeing and discharge processes are introduced as methods of adding layers of color. Applications will range from controlled immersion dyeing to expressive direct application and resist processes. The historical use of color, contemporary readings, philosophy of color, its political implications and critiques augment this class. Prior to fall 2016, the course title was "Fabric Pattern and Image I".

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1521 or VS 1151)

ART 2203. Alternative Materials. 3 Credit Hours.

This course involves the exploration of alternative materials. Products such as Tyvek, rubber, adhesives, found and recycled materials will be combined with processes such as collage, layering, stitching, and heating. These materials and processes will be used in conjunction with other media and uncommon methods of joining to create a sculptural surface. Students are encouraged to develop a personal vocabulary by combining these techniques with images and found, purchased and recycled materials as well as media from other disciplines. Emphasis on the process of collecting will be used as a basis for the creation of work which involves a contemporary, mixed-media approach to surface treatment and its relationship to structure, form and content. Historical and contemporary issues and practices involving alternative media are explored through readings, field trips, lectures and class discussions.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (VS 1351, ARCH 1011, FDPR 1531, FDPR 1521, or 'Y' in AR11)

ART 2204. Woven Structure I. 3 Credit Hours.

An introduction to weaving using the floor loom. Tapestry and other structural techniques will be taught. Both an historical and a contemporary approach will be encouraged.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bach of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 2205. Book Structures. 3 Credit Hours.

This course is an introduction to Book Arts. It includes both traditional and contemporary approaches as well as working with the book as a sculptural medium. Students will be encouraged to experiment with a wide variety of materials and processes and will learn to make several book structures to use as a means of expressing narrative and sequential concepts through which they will develop conceptual abilities and technical proficiencies. NOTE: Formerly titled "Fiber Structures I: Dimensional Form."

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1531 or VS 1351)

ART 2301. Introduction to Glass. 3 Credit Hours.

An introductory studio class for students who are interested in learning the basic processes of off-hand glass working techniques. A brief history of glass, studio operations and studio safety will be covered in slide lectures and studio demonstrations. Glassblowing, mold blowing, glass finishing and team work will be emphasized through demonstrations. NOTE: This course is a prerequisite for all glass courses. Studio work outside of class time is required.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bach of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 2302. Intermediate Glass. 3 Credit Hours.

An advanced introductory studio course for learning off-hand blowing techniques. Advanced team work, finishing glass objects, and studio operations will be demonstrated the use of color and its application to hot glass will be introduced.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2301.

ART 2303. Glass Construction, Topic: Cold Glass. 3 Credit Hours.

This studio course provides comprehensive instruction with regard to "cold" glass-working techniques. 2-D and 3-D glass objects will be constructed with the employment of a variety of procedures without the introduction of heat. The classes will encourage the areas of student expertise. Thus, information on surface treatment (glass texturing), joining (glass to glass, to other materials), and finishing processes will be covered. Proficiency in the creation of structurally and conceptually cohesive objects is stressed.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 2401. Jewelry. 3 Credit Hours.

An introduction to the design and fabrication of small scale functional objects and jewelry, exploring metalsmithing, casting, mold making, machine use, anodizing, linkages, plastics and finishing. The course focuses upon both design and technique. The student learns the fundamentals of design, current styles and formal characteristics of jewelry and metal objects through a series of design problems. Basic techniques of metal manipulation are covered from working with pre-existing metal forms as well as transforming objects into metal from non-metal models. The student learns to understand the field of metal as it relates to contemporary society, and the potentials of a career as an artist, working in metal and plastics. Students will be encouraged to design jewelry and/or objects that have personal meaning. Students will be asked to conceptualize each assignment, research historical precedents, and develop their ideas through a series of drawings and/or models.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bach of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 2402. CAD-CAM I: Introduction to 3D Modeling. 3 Credit Hours.

In this introduction to CAD-CAM, the students learn to: customize the modeling environment; create basic graphic objects-lines, circles, arcs, curves, solids and surfaces; draw with precision; create, test and verify solid models in STL file format for production of rapid prototypes and render models. Students will learn to use professional-level software used for 3D modeling across many industries worldwide, including product design, architecture and jewelry. Students follow self-guided lessons/assignments to learn the basics of computer aided design (CAD), then use the digital tools learned in creating original projects. Generally, one session per week will be devoted to demonstrating the lessons and related CAD functionality, and the second session will be devoted to independent projects and scheduled one-on-one time with the instructor. NOTE: This course is sometimes offered as an online course under Section Number 701. Prior to Fall 2023, the course was titled "Introduction to 3D Modeling."

Repeatability: This course may not be repeated for additional credits.

ART 2403. Jewelry II. 3 Credit Hours.

This is a continuation of ART 2401 Jewelry.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2404. CAD-CAM II: Intermediate 3D Modeling. 3 Credit Hours.

In this continuation from CAD-CAM I (ART 2402), students will continue learning computer aided design (CAD) software to create basic objects and 3D models for the production of rapid prototypes (3D printing); and rendering. CAD will supplement bench-based making techniques, such as casting and cold connections. Upon completion of the course, students will be able to use software to create three-dimensional models for virtual reality, rapid prototyping via 3D printing, patterns for use in bench work, and photorealistic rendering. The course will discuss and experiment with a multitude of materials, from wax to porcelain.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2402.

ART 2405. Machine Tool Processes. 3 Credit Hours.

The lathe, milling machine, drill press, and other machines are examined for their creative potential.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2406. Metalsmithing. 3 Credit Hours.

Advanced metal forming techniques are explored. Students are encouraged to produce functional hollowware and objects of a non-traditional source.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2407. Casting. 3 Credit Hours.

Controlled inertial (centrifugal) casting, rubber moldmaking, wax injection, vacuum assisted casting, high frequency melting, sand casting, and other specialized casting processes are used to produce jewelry and other objects in precious and non-precious metal.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2408. Electroforming Workshop. 3 Credit Hours.

Students with prior metalworking experience have the opportunity to explore nontraditional electrochemical processes for the creation of unique forms in metal.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2409. Plastics for Jewelry and Objects. 3 Credit Hours.

An introduction to forming, fabricating, joining, and casting a variety of plastic materials. This 20th and 21st century material is studied for its visual and artistic potential, as well as its applications in product design. Students learn to combine these materials with metals and other media.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2411. Production Processes. 3 Credit Hours.

Introduction to production processes and marketing. Students will design and produce an object in quantity and be assisted in the marketing of that object.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2412. Color in Metals. 3 Credit Hours.

Aspects of applying color to metals or changing the existing color of metallic surfaces are explored. Students are introduced to the new techniques, color anodizing aluminum, and the space-age metals titanium and niobium. Application of color resin and vitreous enamels are also examined.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2413. Enameling. 3 Credit Hours.

All basic enameling techniques, which include Plique A Jour, Limoges, Champeleve, Bustail, etc. The course explores the use of synthetic resins as an addition to the enamelist's repertoire.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2414. Casting. 3 Credit Hours.

Controlled inertial (centrifugal) casting, rubber moldmaking, wax injection, vacuum assisted casting, high frequency melting, sand casting, and other specialized casting processes are used to produce jewelry and other objects in precious and non-precious metal.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2415. Lapidary and Stone Setting. 3 Credit Hours.

Advanced lapidary processes are demonstrated which include the cutting and polishing of faceted stones designed by the student. Traditional and innovative stone setting methods are also explored.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2416. Photo Processes and Etching Jewelry. 3 Credit Hours.

All aspects of the photographic processes that can be used with metals and plastics are introduced. This includes photo-resist techniques for metal etching, plating, and anodizing, along with photo embeddings in plastics. NOTE: This course is for majors only.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 2501. Painting. 3 Credit Hours.

This studio-intensive course is designed to give the student a thorough grounding in the art and craft of oil painting. Lectures, group critiques and field trips are planned in order to establish a wide reference base and an historical and contemporary context.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2502. Intermediate Drawing. 3 Credit Hours.

Traditional and non-traditional approaches to drawing will be explored in this studio-intensive course. In addition to observational drawing, sources such as film, photography, and digital media will be investigated.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2503. Painting. 3 Credit Hours.

This studio-intensive course is designed to give the student a thorough grounding in the art and craft of oil painting. Lectures, group critiques and field trips are planned in order to establish a wide reference base and an historical and contemporary context.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2504. Intermediate Drawing. 3 Credit Hours.

Traditional and non-traditional approaches to drawing will be explored in this studio-intensive course. In addition to observational drawing, sources such as film, photography, and digital media will be investigated.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2505. Painting Materials and Techniques. 3 Credit Hours.

The course will address both traditional and contemporary topics in the materials and techniques of drawing and painting.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2506. Painting Workshop. 3 Credit Hours.

A studio painting course with emphasis on the development of a student's individual point of view. Class work will focus on the development of the student's ability to work at a conceptually advanced level. Experimentation is encouraged.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2507. Intermediate Figure Drawing. 3 Credit Hours.

An intermediate course focused entirely on the human figure as subject. There is emphasis on a variety of approaches to drawing the figure. Dynamics, proportion, anatomy, volume, and structure will be investigated through various drawing methods and selected materials. Frequent historical references will be made through reproductions and slides, and 20th century figure drawing will be thoroughly discussed.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2508. Digital Drawing. 3 Credit Hours.

This course engages students with the possibilities of the computer as a drawing tool. Digital Drawing expands the conceptual and pictorial fundamentals of drawing and painting.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2509. Drawing Workshop. 3 Credit Hours.

Studies in drawing emphasizing individual instruction for students of varied backgrounds.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2601. Photo I: Digital. 3 Credit Hours.

An introduction to the fundamental vocabulary and techniques of digital photography with an emphasis on developing skills of perception and visual competence in both the creation and consumption of lens-based imagery. Students will explore the complex relationship between content, composition, technical execution, and visual ideas that communicate with intent. Course topics include digital workflow methods for exhibition quality output using digital cameras, scanners, contemporary imaging software, and printers. Projects will include both color and black and white imagery. Prior to fall 2016, the course title was "Photography I."

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 2602. Digital Imaging. 3 Credit Hours.

This course deals with photographic images and how ideas can be expressed through the manipulation of these images using the computer as a tool for creative expression. Excellent basic course in image software use and introduction to the use of the computer.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 2603. Photo I: Digital. 3 Credit Hours.

In this class, students will explore the visual language of digital photography using Rome as their studio. Rome's many layered history juxtaposed with its current global urban landscape offers a unique opportunity to photograph an important European city. The technical component of the class consists of mastering manual digital camera operation and exposure. Students also learn to use contemporary imaging software and to produce digitally-generated output. Students will gain an understanding of the aesthetic possibilities of photography through assignments, lectures on both historic and contemporary photographers, photo field trips in Rome, and visits to photo galleries and museums. Critiques are conducted through a shared website. Students will be expected to complete a final project in which they choose one aspect of Rome's multi-layered landscape to visually explore in depth. Prior to fall 2016, the course title was "Photography I".

Repeatability: This course may be repeated for additional credit.

ART 2604. Introduction to Photography (Online Digital Course). 3 Credit Hours.

This is an introductory course in photography. We will concentrate on learning the basic camera functions, proper exposure of an image, and the formal and conceptual considerations in composition. Although there will be an emphasis on the technical aspects of photography, this course will also introduce students to many contemporary artists working in photography, as well as the history of the photographic medium and how to appropriately approach the critique setting.

Repeatability: This course may not be repeated for additional credits.

ART 2611. Eco-Friendly Plant Based Photo Printing. 3 Credit Hours.

This eco-friendly plant-based photo printing course focuses on sustainability using sunlight and common plant materials from your yard or the grocery store. Photographic processes covered are anotypes, chlorophyll printing, eco printing, phytograms and other plant-based printing methods. Students will print with and on plant materials, learn to make developers from plants rich in phenols and make prints using expired papers and film. Demonstrations and critiques will be synchronous and work will be completed outside of class. Troubleshooting and discussions will take place through Canvas between class sessions.

Course Attributes: SF

Repeatability: This course may not be repeated for additional credits.

ART 2701. Survey of Lithography and Serigraphy. 3 Credit Hours.

A beginning survey of basic techniques of lithography and screenprinting. The course introduces a number of short projects designed to give a broad experience with the media. Additional topics include print presentation, care of tools and materials, and a historical survey in slides and actual examples.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 2702. Survey of Etching and Relief. 3 Credit Hours.

A beginning survey of the basic techniques of etching and relief printing. The course introduces a number of short projects designed to give a broad experience with the media. Additional topics include print presentation, care of tools and materials, and a historical survey in slides and actual examples.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 2703. Book Structures. 3 Credit Hours.

This course is an introduction to the art of the book: a significant format for the expression of information and creativity. Bookbinding has a long history in Europe and a particularly rich history in Rome. Students will engage first hand with the historical tradition and contemporary possibilities of this craft. The course will cover traditional binding techniques including folded, sewn, and adhesive structures, as well as custom portfolio design. Emphasis will be placed on utilizing the unique format of the hand-bound book to engage with students' visual and psychological experience of Rome. Course projects will incorporate a range of media including drawing, photography, collage, graphic design and printmaking in the execution of both traditional and modern book structures. Each project will provide an opportunity for students to plan and execute unique book designs reflecting their personal Roman experience.

Repeatability: This course may be repeated for additional credit.

ART 2704. Serigraphy. 3 Credit Hours.

The fundamentals of screenprinting as a fine art print medium. This course introduces various handmade stencil methods as well as the photo processes. Students use non-toxic acrylic inks with projects that emphasize color organization and conceptual challenge.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 2705. Etching. 3 Credit Hours.

The beginning level course in intaglio and relief printing processes. This course covers traditional methods of platemaking, such as etching, drypoint, and aquatint, as well as explorations into photo transfer and color viscosity printing.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 2706. Intaglio Printmaking. 3 Credit Hours.

This introductory studio course engages students in historic and contemporary printmaking concepts and technologies, while encouraging a multi-disciplinary approach to fine art print production. Students are introduced to a broad range of ideas, methods and materials that focus upon the intaglio printmaking processes, but also include monoprints and monotypes. Initial projects are structured around the more traditional drawing, plate making and printing processes. As students become more comfortable with the fundamentals of the medium, they are encouraged to develop a more personal approach to concept, subject, scale, material and process. Studio projects will be supplemented by field trips to museums, galleries and artist studios to give students first hand experience of the historic and contemporary context of printmaking in Italy. Field trips may include the National Print Cabinet, where students may closely examine original prints by Italian masters, which may include Da Carpi, Canaletto, Tiepolo, Piranesi and others.

Repeatability: This course may not be repeated for additional credits.

ART 2707. Lithography. 3 Credit Hours.

A basic course in metal plate lithography. Preparation, processing, and printing are studied with the intention of giving the beginning student control over a medium that is often thought to be complicated. Students work with traditional hand-drawn imagery as well as transfer and photo-litho, in black and white and color.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 2745. Contemporary Papermaking in Rome. 3 Credit Hours.

Papermaking in Rome introduces the cycle of the paper making process, including various aspects of processing and contemporary innovations in Papermaking. There is a strong focus on the interaction between papermaking and printmaking and methods for the successful integration of both practices. This is a wet lab course which requires hands-on experimentation to observe the nuances and subtleties that occur between the hand-formed sheet and the subsequent printed matrix. Learners acquire the capacity to produce high quality papers and understand the potential for those papers to be applied meaningfully with monotype, relief, and collagraph print projects.

Repeatability: This course may not be repeated for additional credits.

ART 2801. Sculpture. 3 Credit Hours.

Develops the integration of sculptural concept and practice, and the critical analysis of completed sculpture through a series of projects that investigate basic sculptural processes and issues. Lectures on directions in sculpture, technical demonstrations, and group critiques are scheduled.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1351)

ART 2802. Video Workshop. 3 Credit Hours.

This course is an introduction to basic digital video editing.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2803. Installation. 3 Credit Hours.

Investigations into the intrinsic meaning of the site will be coupled with the effective channeling of those issues into the work of art. Ideas, material, and placement will be analyzed so as to achieve cogent integration into the site. Introduction to use of scale models and various types of models to analyze a site and plan work for a site is part of this course. Lectures, individual discussions, and group critiques are scheduled.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ((FDPR 1531 and FDPR 1532) or VS 1351) and (ART 2801 or ART 2807)

ART 2804. Mold Making Technology. 3 Credit Hours.

Flexible moldmaking techniques are explored using foam, latex, RTV and silicone rubber, as well as alginate compounds for direct body casts. Non-flexible techniques include wood forms for cement castings. Positives are cast in cement, plaster, rubber and polyurethane using both solid and hollow casting methods. Students incorporate these techniques in directed projects, or for completing self-directed work.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1531 and FDPR 1532) or VS 1351) and (ART 2801 or ART 2807)

ART 2805. Figure Modeling. 3 Credit Hours.

This course stresses clinical observation as well as analytical response to issues pertaining to the body. The nature and aspects of representation in the sculptural tradition are considered. Work from the model in class.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1351)

ART 2806. Art Matters. 3 Credit Hours.

Art Matters is designed for the sophomore student intending to major in painting. The course objective is to incorporate a working understanding of art-historical precedents and their relationships to cultural, political, historical, and critical discourses as a complex and vital component of the development of a contemporary painting practice. This course combines a seminar approach of study using readings, film, field trips, and discussions in relation to studio practice.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 2807. Sculpture: Rome. 3 Credit Hours.

This is an introductory course on the basic principles of object making. Demos on specific material use and procedures will alternate with lectures and site visits that will link the course with the student's experience of Italian art and architecture. Working with a variety of methods and materials including plaster casting, clay and wax modeling and concrete fabricating process, students will learn to communicate technically as well as conceptually through three-dimensional form.

Field of Study Restrictions: May not be enrolled in one of the following Majors: Art History.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bach of Science Educ.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1351)

ART 2808. Figure Modeling: Rome. 3 Credit Hours.

This course focuses entirely on the human figure as subject. Along with working from the model in class there will be visits to museums and sculptural sites introducing students to the figurative tradition in Rome: artwork ranging from ancient Greek and Roman carvings to Baroque figures in movement that characterize the cityscape. While the course is designed to help the student develop an understanding of the artistic representation of the human figure in historic and aesthetic terms, its ultimate goal is to have each student develop a personal interpretation of figuration as it relates to contemporary culture.

Repeatability: This course may be repeated for additional credit.

ART 2815. Social Practice and Socially Engaged Art. 3 Credit Hours.

This course introduces students to the many issues and ideas in Social Practice and Socially Engaged Art practices. These disciplines build on a lineage of contemporary art movements including public art, institutional critique, performance art, relational aesthetics, guerilla art and environmental art. We will investigate the role of accessibility, audience, participation, permanence, community, ownership, interactivity and politics in public works. The focus will be to create socially motivated and participatory art that engages non-art audiences and that exists outside of traditional art venues. This engagement with varying audiences, from passersby to targeted participants will take different forms, including collaborations, the creation of new experiences in familiar and known sites (i.e. Temple campus), the provision "services" in unexpected locations, the activation of historical sites and monuments, and the repurposing of unused and under-used locations around North Philadelphia and the city.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bach of Science Educ.

Course Attributes: SF

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1511 (may be taken concurrently) or FDPR 1512 (may be taken concurrently)) and FDPR 1531.

ART 2900. Honors Special Topics. 3 Credit Hours.

In this studio art course, approaches to making and understanding images in various media will be addressed.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may be repeated for additional credit.

ART 2901. Honors Digital Imaging: Seeing Photographically. 3 Credit Hours.

Life is full of wonder when you simply open your eyes to it. All it takes is an open mind and a shift in your way of seeing. The primary objective of this course is to introduce students to the act of seeing photographically, creative problem solving, and thinking visually while learning contemporary digital technology and practices. Students will be instructed on the use of a variety of input and output devices (cameras, scanners, printers) and software applications. Lecture and research on historical and contemporary artwork inform creative approaches to visual thinking and assignments build on creative problem-solving skill sets. Emphasis is placed on image making, proper workflow, interpretation, and output. Students produce a portfolio that demonstrates critical visual thinking and effective skill development.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may not be repeated for additional credits.

ART 3010. Special Topics in Art. 3 Credit Hours.

In this studio art course, approaches to making and understanding images, objects and experiences in various media will be addressed. Each topic will be addressed through contextual, procedural, material and critical lenses. This course assumes a strong level of basic studio knowledge in one or more art disciplines.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 3011. Interactive Projects. 3 Credit Hours.

The intent of this course is to broaden the studio practice through the use of interactive technologies. Students will create a portfolio web site and an animated, interactive Flash project to be shown on the web or CD-ROM. Software explored in this course includes DreamWeaver, Flash and SoundEdit 16. Basic HTML and Action Scripting is also included in the curriculum. The finished work will be burned onto a CD-ROM and posted on the web. **NOTE:** Special Authorization for Non-Majors.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 3012. Optics and Light. 3 Credit Hours.

In this course, students will explore phenomena of optics and light through the use of glass. They will learn how to create optical objects such as water lenses and prisms, investigating how they transform and extend vision. Students will also learn how to create their own glass lenses and manipulate existing lenses. Use of glass optics in distortion, reflection, image making, and installation will be explored, and we will employ various light sources in combination with glass to make immersive environments. No glass experience is required for this course.

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits, Sophomore 30 to 59 Credits.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 3085. Field Internship. 3 Credit Hours.

A field internship must provide practical experience in a setting which is relevant to the student's course of study, such as in a gallery, museum or community art center, etc. A comprehensive paper must be written.

Repeatability: This course may be repeated for additional credit.

ART 3101. Advanced Ceramics. 3 Credit Hours.

Problems in ceramics for the advanced student with emphasis on individual research projects and upon portfolio development.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2102 (may be taken concurrently)

ART 3103. Two-Dimensional Ceramics. 3 Credit Hours.

The making and production of tiles and other essentially two-dimensional ceramic items for application to interior and exterior architecture. Several processes, techniques and firing methods are explored. These include both high and low temperature firing, mold, and hand pressing techniques. The history of tiles and ceramic wall reliefs are surveyed with concentration on relevant periods and countries.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2102 (may be taken concurrently)

ART 3104. Ceramic Materials. 3 Credit Hours.

An advanced level examination of ceramic processes, the formulation of clay bodies and glazes, common firing practices, and the construction of kilns.

NOTE: The course required and intended for ceramic majors.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2102 (may be taken concurrently)

ART 3105. Porcelain. 3 Credit Hours.

A ceramic course that covers the special properties of porcelain clay. Various hand building, throwing and casting techniques are explored as well as experiments in glazing and the preparation of clay bodies. Historical importance of porcelain is reviewed along with many contemporary uses of this material in vessel and sculptural forms.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2102 (may be taken concurrently)

ART 3106. Advanced Throwing and Wheel Work. 3 Credit Hours.

A course concentrating on the use of the potter's wheel, using a problem-solving approach. Structured to develop the necessary skills to enable the student in making personal aesthetic choices with regard to three-dimensional ceramic forms created on the wheel.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2102 (may be taken concurrently)

ART 3107. Ceramic Mold Making. 3 Credit Hours.

Students produce both two and three-piece plaster molds to be used in the slip casting process for the production of multiple ceramic items. The course examines both the historical and contemporary use of molds and slip casting. During the semester the students are encouraged to incorporate the use of slip casting into their current style of work.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2102.

ART 3108. Ceramic Structures. 3 Credit Hours.

The approach to this course is to utilize ceramic materials for the creation of sculpture. The history of ceramic sculpture as well as contemporary movements is stressed. Various techniques used in ceramic sculpture, techniques and materials used in conjunction with ceramics are explored.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2102 (may be taken concurrently)

ART 3110. Ceramic Workshop. 3 Credit Hours.

Ceramic Workshop is a course where a variety of skill levels and aesthetic points of view can interact. The course itself rotates through several specialty topics corresponding to current themes in Ceramics.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2102 (may be taken concurrently)

ART 3201. Threading the Needle: Drawing with Stitch I. 3 Credit Hours.

This course focuses on stitch as a form of mark making, exploring surface applications such as embroidery, beading, collage, transfers and forms of layering through additive and subtractive processes. Using conventional and unconventional substrates students will explore the power of mark making as a form of disruption. Readings, lectures and critiques contribute to the development of conceptual concerns and provide knowledge of historical work and contemporary artistic practices. Prior to fall 2021, the course title was "Stitching I".

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2201 and ART 2202.

ART 3202. Soft Sculpture. 3 Credit Hours.

This course examines the transformation of traditional and nontraditional materials to three-dimensional forms, surfaces, and spaces. The exploration of pliable materials will be realized through hand and machine stitching, mark making, embellishment, felting, stuffing, and manipulation of armature. Students are encouraged to develop a personal direction in soft sculptural practice, with emphasis on material investigation and research. Individual and group critiques and discussion of both historic and contemporary artists and concepts augment the course.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 3203. Alternative Materials II. 3 Credit Hours.

This class allows students to further develop their work and research in this area and introduce intermediate and more advanced techniques; working more independently students are able to pursue specific areas projects, developing their skills learned in Alternative Materials I.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2203.

ART 3204. Woven Structure II. 3 Credit Hours.

Exploration of dyeing and printing including space dyed ikat and printing on the woven surface.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2204.

ART 3205. Experimental Costume. 3 Credit Hours.

This course is the exploration of the histories and techniques involved in the construction of clothing, costume, fashion, and haute couture. The term clothing implies protection against the elements and to preserve modesty. Costume functions beyond simple utility, becoming a means of seduction by enhancing nature, or adding artificial attraction. Fashion and haute couture indulge the fantasy of the creator. Students will be encouraged to explore their own interpretations of these terms through construction: machine knitting, crochet, hand and machine sewing, and embroidery. Students may also experiment with documentation methods, including performance, fashion shows, photography, and video as media to exhibit cumulated work. Note: Prior to Fall 2024 this course was titled "Figurative Futures - Technology and the Body" and prior to Fall 2023 this course was titled "Body Art and Adornment."

Repeatability: This course may be repeated for additional credit.

ART 3206. Sewn. 3 Credit Hours.

Sewn construction will be the focus of this class. Students will work with a myriad of sewing technologies including but not limited to the long arm sewing machine, industrial sergers and domestic machines and hand sewing. The focus is on manipulating pliable elements to create structure and form. This class will be augmented with readings, field trips, lectures and visiting artists.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 3207. Intermediate Fibers and Material Studies. 3 Credit Hours.

Intermediate Fibers and Material Studies allows students an opportunity to further develop their work and research through introducing intermediate and more advanced techniques; working independently students are able to pursue specific areas and projects.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2201 or ART 2202)

ART 3208. Jacquard I. 3 Credit Hours.

The Jacquard loom interfaces with a computer allowing for control of each thread. This allows for a multitude of possibilities. Students explore the Jacquard while also learning about its history and relationship to punched card systems and early computers. Working with digital sources and alternative materials students will create woven works. The class will include weaving, working on a computer, readings, lectures, writing and field trips.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2204 (may be taken concurrently)

ART 3209. Screen Print on Fabric I. 3 Credit Hours.

Screen-printing is a versatile printmaking technique that allows reproduction of an image and/or a repetition of an image. Students will be introduced to a vast array of processes including but not limited to silkscreen, digital printing, heat transfer, mono printing, stencil, stamp printing and block printing. The emphasis will be placed on conceptual development of language and using print in a contemporary art context. Final projects may take the form of installation, soft sculptures, yardage or site specific work. Prior to fall 2016, the course title was "Silkscreen on Fabric I".

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1521, FDPR 1522, or VS 1151)

ART 3210. Special Topics in Fibers and Material Studies. 3 Credit Hours.

This course varies from semester to semester; the class content responds to current themes in Fibers and Material Studies and the varying discourses associated. Special topics classes typically include studio work, readings, lectures, writing and field trips.

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (FDPR 1521, FDPR 1522, FDPR 1531, or FDPR 1532)

ART 3211. Cultivating a Collection. 3 Credit Hours.

Through in-depth textile research and learned construction techniques, students will create a collection to be exhibited in the annual show. Visiting artists, independent studio time and critique will support the cumulative collection. At the end of the semester, students will debut their collection in the annual Wearable Art Show.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2201.

ART 3212. Digital Drawing and Pattern Making. 3 Credit Hours.

Using the digital hand, students will design one-of-a-kind garments to be printed and constructed to make unique wearables. Students will have first-hand experience and participate in the industry standard in pattern drafting and construction. Students will utilize Adobe Suite and a large format fabric printer.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2201.

ART 3213. Experimental Costume and Performance. 3 Credit Hours.

This class will explore garment construction through a performance lens, looking at artists who create silhouette extension or body distortion through both movement and pattern making. Students will learn necessary sewing skills and garment manipulation to facilitate performative workshops throughout the class.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2201.

ART 3214. History of Wearable Art and Costume. 3 Credit Hours.

Through independent research, readings, and discussion, students will examine the extensive history of wearable art and garment. Introductions to the cultural, political, historical, and aesthetic dimensions of experimental costume will focus on examination in relation to contemporary art.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2201.

ART 3301. Hot Glass, Topic: Blowing. 3 Credit Hours.

A glass course primarily for the glass major who wants to learn advanced skills in off-hand techniques for blowing traditional and non-traditional glass forms. Advanced color work, team work and advanced methods for combining complicated glass forms will be a major component of this studio class. NOTE: Six hours of studio work outside of class time is required.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2301 and ART 2302.

ART 3303. Glass Construction, Topic: Kiln Working. 3 Credit Hours.

Predominantly a course in glass object-making. This class will provide beginning instruction through advanced tutelage in kiln forming techniques. Traditional and contemporary processes covered include frit casting from both clay and wax positives, fusing, and slumping. Moldmaking is emphasized and a variety of refractory mold materials will be introduced. A repertoire of finishing processes will be offered to aid in taking the kiln worked object to its completed state.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 3304. Glass Construction, Topic: Cold Glass. 3 Credit Hours.

This studio course provides comprehensive instruction with regard to "cold" glass-working techniques. 2-D and 3-D glass objects will be constructed with the employment of a variety of procedures without the introduction of heat. The classes will encourage the areas of student expertise. Thus, information on surface treatment (glass texturing), joining (glass to glass, to other materials), and finishing processes will be covered. Proficiency in the creation of structurally and conceptually cohesive objects is stressed.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2301 and ART 2302.

ART 3305. Glass Workshop. 3 Credit Hours.

An intensive daily studio course designed for beginning students through advanced glass majors. This studio course meets each day. Studio demonstrations in all hot glass applications are the focus. Individual problem solving through guided team work will be emphasized. NOTE: Three hours of studio work outside of class each day is required.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2301.

ART 3306. Hot Glass Casting. 3 Credit Hours.

A glass class that will provide beginning advanced instruction on using molten glass as a material for casting into a wide variety of mold materials. Methods of mold setup, methods for pouring hot glass and finishing glass will be provided and demonstrated. A survey of contemporary craft-artists using these materials and methods will be shown. Presentation and evaluation of finished work will be an important aspect of this studio course.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 3307. Advanced Glass Seminar. 3 Credit Hours.

This studio course is for the junior glass major. The emphasis is on historical glass research topics. A survey of glass making from ancient cultures to early American glass will be covered by slide lectures, museum visits, and research projects.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2301 and ART 2302.

ART 3308. Advanced Glass, Topic: Visiting Artist Series. 3 Credit Hours.

This course is for the junior glass major.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2301 and ART 2302.

ART 3401. Metals Workshop. 1 to 3 Credit Hour.

Summer classes for variable credit in specialized subjects: advanced fabrication, mechanisms, machine tool processes, advanced lapidary and stone setting, linkages and advanced casting. Students have the opportunity to learn and utilize specialized technologies. It is also an opportunity to complete projects or participate in a class designed for students who studied abroad. This class requires special permission from the instructor.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 3402. CAD-CAM I: Introduction to 3D Modeling. 3 Credit Hours.

In this introduction to CAD-CAM, the students learn to: customize the modeling environment; create basic graphic objects-lines, circles, arcs, curves, solids and surfaces; draw with precision; create, test and verify solid models in STL file format for production of rapid prototypes and render models. Students will learn to use professional-level software used for 3D modeling across many industries worldwide, including product design, architecture and jewelry. Students follow self-guided lessons/assignments to learn the basics of computer aided design (CAD), then use the digital tools learned in creating original projects. Generally, one session per week will be devoted to demonstrating the lessons and related CAD functionality, and the second session will be devoted to independent projects and scheduled one-on-one time with the instructor. This 3000-level course is offered for graduate and upper-level undergraduate students. NOTE: This course is sometimes offered as an online course under Section Number 701. Prior to Fall 2023 this course was titled "CAD/CAM I Computer-Aided-Design/Computer-Aided-Manufacture."

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

ART 3404. CAD-CAM II: Intermediate 3D Modeling. 3 Credit Hours.

In this continuation from CAD-CAM I (ART 2402), students will continue learning computer aided design (CAD) software to create basic objects and 3D models for the production of rapid prototypes (3D printing); and rendering. CAD will supplement bench-based making techniques, such as casting and cold connections. Upon completion of the course, students will be able to use software to create three-dimensional models for virtual reality, rapid prototyping via 3D printing, patterns for use in bench work, and photorealistic rendering. The course will discuss and experiment with a multitude of materials, from wax to porcelain. This 3000-level course is offered for graduate and upper-level undergraduate students. Prior to Fall 2023 this course was titled "CAD/CAM II Computer-Aided-Design/Computer-Aided-Manufacture."

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2402 or ART 3402)

ART 3405. Advanced 3D Modeling. 3 Credit Hours.

This course is a continuation of Intermediate 3D Modeling. Students will be encouraged to produce Three-D CAD models for rapid prototyping and photo-realistic rendering.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2404 or ART 3404)

ART 3406. Junior Metalsmithing. 3 Credit Hours.

Advanced problems exploring the design and fabrication of functional objects and jewelry. Three-dimensional sheet metal development, fabrication of hollow structures, mechanisms, linkage systems and mold making will be introduced. NOTE: This course is for majors only.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 3407. Junior Metalsmithing. 3 Credit Hours.

Advanced problems exploring the design and fabrication of functional objects and jewelry. Three-dimensional sheet metal development, fabrication of hollow structures, mechanisms, linkage systems and mold making will be introduced. NOTE: This course is for majors only.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 3406.

ART 3408. Electroforming Workshop. 3 Credit Hours.

Students with prior metalworking experience have the opportunity to explore nontraditional electrochemical processes for the creation of unique forms in metal.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 3409. Plastics for Jewelry and Objects. 3 Credit Hours.

An introduction to forming, fabricating, joining, and casting a variety of plastic materials. This 20th and 21st century material is studied for its visual and artistic potential, as well as its applications in product design. Students learn to combine these materials with metals and other media.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2401 or CRFT 2453)

ART 3411. Production Processes. 3 Credit Hours.

Introduction to production processes and marketing. Students will design and produce an object in quantity and be assisted in the marketing of that object.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2401 or CRFT 2453)

ART 3412. Color in Metals. 3 Credit Hours.

Aspects of applying color to metals or changing the existing color of metallic surfaces are explored. Students are introduced to the new techniques, color anodizing aluminum, and the space-age metals titanium and niobium. Application of color resin and vitreous enamels are also examined.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2401 or CRFT 2453)

ART 3413. Enameling. 3 Credit Hours.

All basic enameling techniques, which include Plique A Jour, Limoges, Champleve, Bustail, etc. The course explores the use of synthetic resins as an addition to the enamelist's repertoire.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2401 or CRFT 2453)

ART 3414. Plastics for Jewelry. 3 Credit Hours.

Introduction to the forming, fabricating, and casting of plastic materials. The student works with acrylics, polyesters, urethanes, epoxies, and silicones, and learns to combine these materials with metal. NOTE: This course is for majors only. Metals/Jewelry/CAD-CAM Major.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 3415. Lapidary and Stone Setting. 3 Credit Hours.

Advanced lapidary processes are demonstrated which include the cutting and polishing of faceted stones designed by the student. Traditional and innovative stone setting methods are also explored.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 3416. Photo Processes and Etching Jewelry. 3 Credit Hours.

All aspects of the photographic processes that can be used with metals and plastics are introduced. This includes photo-resist techniques for metal etching, plating, and anodizing, along with photo embeddings in plastics. NOTE: This course is for majors only.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2401.

ART 3417. Metalsmithing. 3 Credit Hours.

Advanced metal forming techniques are explored. Students are encouraged to produce functional hollowware and objects of a non-traditional source.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2401 or CRFT 2453)

ART 3501. Advanced Painting. 3 Credit Hours.

A studio painting course with emphasis on the development of a student's individual point of view. Class work focuses on the development of the student's ability to work at a conceptually advanced level. Experimentation is encouraged and there are frequent class critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3502. Advanced Painting. 3 Credit Hours.

A studio painting course with emphasis on the development of a student's individual point of view. Class work focuses on the development of the student's ability to work at a conceptually advanced level. Experimentation is encouraged and there are frequent class critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3503. Landscape. 3 Credit Hours.

An examination of painting problems involved in the variable light, space, and form of cityscape and landscape. Work from various sites and sources.

NOTE: This course may fulfill an advanced Painting/Drawing Studio Major or Studio Elective.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3504. Figure Painting. 3 Credit Hours.

A painting course based on direct observation. Fundamentals of oil painting as well as an understanding of anatomy, composition, and the relationship of the figure to its environment are stressed. The development of an individualized approach and the use of content are explored through group discussion and assigned work.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3505. Color. 3 Credit Hours.

The study of color, its characteristics, and interaction, explored through studio painting experiences. NOTE: This course may fulfill an advanced Painting/Drawing Studio Major or Studio Elective.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3506. Color. 3 Credit Hours.

The study of color, its characteristics, and interaction, explored through studio painting experiences. NOTE: This course may fulfill an advanced Painting/Drawing Studio Major or Studio Elective.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (PDS 2011, PDS 2111, ART 2501, or ART 2503) and (PDS 2311, PDS 2321, PDS 2331, ART 2502, ART 2504, ART 2507, ART 2508, or PDS 2341)

ART 3507. Painting on Paper. 3 Credit Hours.

A study of the uses of aqueous media beyond transparent watercolor. Opaque watercolor, collage, and transfer techniques, and oil and acrylic on paper are explored.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (PDS 2011, PDS 2111, ART 2501, or ART 2503) and (PDS 2311, PDS 2321, PDS 2331, ART 2502, ART 2504, ART 2507, ART 2508, or PDS 2341)

ART 3508. Painting on Paper. 3 Credit Hours.

A study of the uses of aqueous media beyond transparent watercolor. Opaque watercolor, collage, and transfer techniques, and oil and acrylic on paper are explored.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (PDS 2011, PDS 2111, ART 2501, or ART 2503) and (PDS 2311, PDS 2321, PDS 2331, ART 2502, ART 2504, ART 2507, ART 2508, or PDS 2341)

ART 3509. Painting Workshop. 3 Credit Hours.

A studio painting course with emphasis on the development of a student's individual point of view. Class work will focus on the development of the student's ability to work at a conceptually advanced level. Experimentation is encouraged.

Repeatability: This course may be repeated for additional credit.

ART 3511. Digital Drawing. 3 Credit Hours.

This course engages students with the possibilities of the computer as a drawing tool. Digital Drawing expands the conceptual and pictorial fundamentals of drawing and painting.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in ((FDPR 1511 and FDPR 1512) or VS 1151)

ART 3512. Rome Sketchbook. 3 Credit Hours.

Participants record their observations in sketchbook form on daily outings to significant sites. Rome - incomparably rich historically and visually - provides a host of subjects ideal for improving drawing technique. The concentration required in drawing directly from observation leads to a deeper understanding of the city's forms.

Repeatability: This course may not be repeated for additional credits.

ART 3513. Drawing Workshop. 3 Credit Hours.

Studies in drawing emphasizing individual instruction for students of varied backgrounds.

Repeatability: This course may be repeated for additional credit.

ART 3514. Advanced Drawing. 3 Credit Hours.

In this studio-intensive course students engage in an investigation of subject matter, sources, and strategies for generating work. Experimentation is encouraged and there are frequent class critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3515. Advanced Drawing: Rome. 3 Credit Hours.

This course combines studio work with the Rome experience as a way to explore ideas and materials as well as the development of an individualized approach to drawing. The goal of this studio course is not only to improve one's technical ability but to probe the limits of what can be done in drawing; defining the boundaries of what a drawing is, and how it relates to contemporary art and other studio practices.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (PDS 2311, ART 2502, ART 2504, ART 2507, PDS 2321, or PDS 2331)

ART 3516. Advanced Drawing. 3 Credit Hours.

In this studio-intensive course students engage in an investigation of subject matter, sources, and strategies for generating work. Experimentation is encouraged and there are frequent class critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3517. Figure Drawing. 3 Credit Hours.

An advanced course focused entirely on the human figure as subject. There is emphasis on a variety of approaches to drawing the figure. Dynamics, proportion, anatomy, volume, and structure will be investigated through various drawing methods and selected materials. Frequent historical references will be made through reproductions and slides, and 20th century figure drawing will be thoroughly discussed.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3518. Figure Drawing. 3 Credit Hours.

An advanced course focused entirely on the human figure as subject. There is emphasis on a variety of approaches to drawing the figure. Dynamics, proportion, anatomy, volume, and structure will be investigated through various drawing methods and selected materials. Frequent historical references will be made through reproductions and slides, and 20th century figure drawing will be thoroughly discussed.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 3519. Advanced Painting: Rome. 3 Credit Hours.

This course emphasizes the development of an active and reflective studio practice combined with the Rome experience. As the semester progresses, students identify and pursue their own projects, working independently with a collective critical structure with an emphasis on the development of a student's individual point of view. Experimentation is encouraged and there are frequent class critiques. Individual studios are provided.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503)

ART 3521. Fresco Painting. 3 Credit Hours.

This studio art course is designed to give students an overview of fresco painting techniques as practiced in Italy from the Roman through the Renaissance periods. While this is a studio art course, we will use the resources of Rome's churches and museums to understand the physical and symbolic structure of fresco painting throughout history from domestic to sacred spaces. Stylistic influences will be examined to create a coherent and correct wall painting using the same materials and techniques used by craftspeople of antiquity. As part of this course students will take a weekend excursion outside of Rome to participate in completing a permanent fresco. This course is open to beginning and advanced students.

Repeatability: This course may be repeated for additional credit.

ART 3601. Color Photography I. 3 Credit Hours.

An introduction to basic skills in color photography. This course includes camera work and understanding of light, processing and printing with an emphasis on color theory, the development of personal imagery and the history of color photography.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2601, PHOT 2441, or GAD 2441)

ART 3602. View Camera. 3 Credit Hours.

This course provides an introduction to large format photography using a 4x5 view camera. Basic camera operation, various functions, specific uses, and potential as a creative tool are studied. A variety of specific exercises lead the student to proficient use of the view camera. Emphasis is on creative use as well as technical development. NOTE: Open to Photo majors only - special authorization required for non-majors.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 3603, PHOT 3412, or GAD 3412)

ART 3603. Darkroom Photography. 3 Credit Hours.

An introduction to the fundamental vocabulary and techniques of darkroom photography. Skills of perception, visual competence, and black and white film-based photographic practice will be emphasized with an introduction to digital and darkroom hybrid techniques. Projects will address technical development as well as the development of personal vision through the photographic medium. Prior to fall 2016, the course title was "Photography II."

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 3604. Photographic Lighting. 3 Credit Hours.

At the core of any commercial or fine art photographer's practice is an in-depth understanding of lighting. This course is a thorough investigation of artificial lighting techniques (strobe and continuous) both in the studio and on location. Additional topics include advanced methods of exposure and the different approaches required in lighting for digital and film based images. A final portfolio is required. This course is repeatable for credit.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2601, ART 2603, PHOT 2441, PHOT 2451, GAD 2441, or GAD 2451)

ART 3605. Darkroom Photography. 3 Credit Hours.

This course will introduce students to the historic methods and materials of pre-digital black and white darkroom photography on location in Rome. Students will become familiar with Italian culture and with the techniques they are using to capture it deepening their understanding of the city and the creative process. Along with photo field trips the class will consist of lectures, demonstrations and group discussions. Weekly assignments will be given and a final portfolio of silver gelatin prints will be completed by the end of the semester. Images will be printed from negatives produced during the course. NOTE: Students are strongly encouraged to bring their own 35mm camera. A small number of basic film cameras will be available for limited student use.

Repeatability: This course may not be repeated for additional credits.

ART 3606. Digital Projects. 3 Credit Hours.

The emphasis of this course will be on creating a professional digital portfolio. Throughout the semester, students will learn a series of multimedia software applications and develop interactive presentations that will promote themselves as artists with contemporary and professional portfolios. NOTE: The course is limited to seniors and graduate students.

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2602, PHOT 2461, or GAD 2461)

ART 3607. Contemporary Photography. 3 Credit Hours.

We live in an extraordinary moment in the history of photography, a moment much hoped for and anticipated by many champions of the medium. Finally one can say without qualification that photography is a medium fully embraced by the contemporary art world. While there has always been a movement to look at and discuss photography as art, photography has never played a more central, critical and vital role in contemporary art than it does now. This course will look at both the role that photography plays in contemporary art and the role that contemporary art plays in photography. By surveying contemporary trends in photography, students in this class will develop an understanding of what exactly photography is now. At the same time the class will attempt to answer questions about what it means to be contemporary, about what the relationship between the contemporary and the historical is, and why this might be important. Through these problems students will be encouraged to develop personal work that addresses themes and ideas discussed in the class. NOTE: Open to Junior/Seniors. Special authorization required for non-majors.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2601, ART 2603, PHOT 2441, PHOT 2451, GAD 2441, or GAD 2451)

ART 3608. Color Photography I. 3 Credit Hours.

An introduction to basic skills in color processing and printing with an emphasis on development of personal imagery and the history of color picture making.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2601, PHOT 2441, or GAD 2441)

ART 3609. Color Photography II. 3 Credit Hours.

Advanced projects in color photography to include either chemical processes or digital technology. Research will focus on contemporary trends in color photography with an emphasis on the development of a personal portfolio.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 3608, PHOT 3431, or GAD 3431)

ART 3610. Special Topics in Photography. 3 Credit Hours.

This course explores special topics in photographic and imaging practices including new and emerging methods of research and production. Special topics courses can include lectures, demonstrations, readings, and student presentations in support of field and studio research. Both individual and collaborative practices may be addressed.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2601, ART 2602, ART 2901, ART 2604, ART 1602, PHOT 2441, PHOT 2461, PHOT 2961, PHOT 2401, GAD 2441, GAD 2461, GAD 2961, GAD 2401, ARTU 2811, PHOT 2811, ARCH 1011, or ARCH 1017)

ART 3611. Advanced Photo Workshop. 3 Credit Hours.

A continuation of advanced black and white photography with an introduction to the zone system and a variety of professional techniques. Emphasis will be on the development of a professional portfolio, classical black and white photographic history, and focused development of personal vision. Digital photographic techniques may also be included.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (PHOT 2441, PHOT 2451, ART 2601, ART 2603, GAD 2441, or GAD 2451) and (ART 3603, PHOT 3412, or GAD 3412)

ART 3612. Photo Process Workshop. 3 Credit Hours.

This course is a survey covering a wide range of experimental and historical photographic processes that extend beyond traditional silver printing. Workshop orientation emphasizes a diverse exposure to many creative possibilities from hand applied photographic emulsions to artists' book production, culminating in a professional final project.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (PHOT 2441, PHOT 2451, ART 2601, ART 2603, GAD 2441, or GAD 2451) and (PHOT 3412, ART 3603, or GAD 3412)

ART 3613. Digital Photography. 3 Credit Hours.

Digital photography explores advanced applications in digital imaging with an emphasis on photographic output. Emphasis will be placed on more sophisticated methods of capture and production including large format printing, advanced color management, cataloging, and archival storage practices. The development of a personal vision and lines of inquiry will be central. A professional portfolio will be required.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2601, ART 2603, PHOT 2441, PHOT 2451, GAD 2441, or GAD 2451)

ART 3614. The Photo Book: Making and Understanding. 3 Credit Hours.

Throughout photography's history artists have used the photo book to share their personal lives, create enduring documents of time and place, and shine a light on social injustices. In this course students will craft their own photo books while learning about the history and contemporary issues surrounding this particular form of expression. Students will learn how to edit, sequence, title, and bind their own photography books. Podcast assignments, photo book reviews, lectures, video demonstrations, and workshops, will round out the course.

Repeatability: This course may be repeated for a total of 6 credit.

Pre-requisites: Minimum grade of C- in (ART 2601, ART 2602, ART 2901, ART 2604, ART 1603, ART 1604, or ART 1602)

ART 3701. Printmaking Workshop. 3 Credit Hours.

Studies in all printmaking media, emphasizing individual instruction for students of varied backgrounds.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2701, ART 2702, PRNT 2701, PRNT 2702, GAD 2701, or GAD 2702) and (ART 3704, ART 3705, ART 3706, PRNT 3711, PRNT 3731, PRNT 3751, GAD 3711, GAD 3731, or GAD 3751)

ART 3702. Relief and Monoprint Workshop. 3 Credit Hours.

The directness of both relief printing and monotype give the artist a unique opportunity to concentrate on the image possibilities. Students will work with non-traditional and traditional cutting methods, materials, and printing methods.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 3703. Color Print Workshop. 3 Credit Hours.

A methodical study of color printing problems as they are presented by the intaglio, relief, lithographic and screen printing media. Color theory and practical techniques are combined, giving experience in all phases of multicolor and intermedia graphic production.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2701, ART 2702, PRNT 2701, PRNT 2702, GAD 2701, or GAD 2702), (ART 3704, ART 3705, ART 3706, PRNT 3711, PRNT 3731, PRNT 3751, GAD 3711, GAD 3731, or GAD 3751), and Two Introductory Printmaking: (ART 2704, PRNT 2761, GAD 2731, GAD 2741, GAD 2751, GAD 2761, ART 2705, ART 2706, ART 2707, GAD 2711, PRNT 2711, PRNT 2731, PRNT 2741, or PRNT 2751)

ART 3704. Advanced Serigraphy. 3 Credit Hours.

Advanced screen printing with emphasis on expanding the students' stencil making and printing skills as well as personal artistic growth. Students work with non-toxic acrylic inks in projects that emphasize scale, color, and use of material.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2704, GAD 2711, or PRNT 2711)

ART 3705. Advanced Etching. 3 Credit Hours.

Advanced problems in intaglio and relief processes. While the emphasis is on personal artistic development, the students are also encouraged to work toward professional standards in platemaking and printing skills. Projects often include, multi-plate color printing, copper engraving, mezzotint, various relief methods, and embossing.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2705, ART 2706, PRNT 2731, PRNT 2741, GAD 2731, or GAD 2741)

ART 3706. Advanced Lithography. 3 Credit Hours.

This course is designed to improve the students' technical skills toward professional standards and to develop the students' personal vision through the use of lithography. Study will include stone and plate lithography, color theory and practice, photo processes and editing.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2707, PRNT 2751, PRNT 2761, GAD 2751, or GAD 2761)

ART 3796. Art Career Workshop. 3 Credit Hours.

Creative and practical solutions to career problems of the artist; preparation of the art student for postgraduate challenges.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Course Attributes: WI

Repeatability: This course may be repeated for additional credit.

ART 3802. Advanced Video. 3 Credit Hours.

This course is geared towards students who are working with concepts best expressed through the various forms of video art. Projects will develop and challenge the students' ability to address technical, formal, and conceptual elements in their work. NOTE: Students are expected to have some prior knowledge of video production and/or postproduction.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 3803. Installation. 3 Credit Hours.

Investigations into the intrinsic meaning of the site will be coupled with the effective channeling of those issues into the work of art. Ideas, material, and placement will be analyzed so as to achieve cogent integration into the site. Introduction to use of scale models and various types of models to analyze a site and plan work for a site is part of this course. Lectures, individual discussions, and group critiques are scheduled.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2801 or ART 2807)

ART 3804. Mold Making Technology. 3 Credit Hours.

Flexible moldmaking techniques are explored using foam, latex, RTV and silicone rubber, as well as alginate compounds for direct body casts. Non-flexible techniques include wood forms for cement castings. Positives are cast in cement, plaster, rubber and polyurethane using both solid and hollow casting methods. Students incorporate these techniques in directed projects, or for completing self-directed work.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2801 or ART 2807)

ART 3805. Advanced Sculpture. 3 Credit Hours.

Emphasis on development of an individual direction in sculpture through studio work, drawing, writing, and some research. Progress is reviewed through individual critiques. The development of critical analysis of completed work is emphasized in group critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2801, ART 2807, PDS 2611, PDS 2621, SCLP 2611, or SCLP 2621)

ART 3806. Advanced Sculpture. 3 Credit Hours.

Emphasis on development of an individual direction in sculpture through studio work, drawing, writing, and some research. Progress is reviewed through individual critiques. The development of critical analysis of completed work is emphasized in group critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2801 or ART 2807)

ART 3807. Advanced Sculpture. 3 Credit Hours.

Emphasis on development of an individual direction in sculpture through studio work and special research on topics relative to contemporary practice. Progress is reviewed through individual critiques. The development of critical analysis of completed work is emphasized in group critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2801, ART 2807, SCLP 2611, SCLP 2621, PDS 2611, or PDS 2621)

ART 3808. Advanced Sculpture. 3 Credit Hours.

Emphasis on development of an individual direction in sculpture through studio work, drawing, writing, and some research. Progress is reviewed through individual critiques. The development of critical analysis of completed work is emphasized in group critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2801 or ART 2807)

ART 3809. Public Art Projects. 3 Credit Hours.

The class will introduce the processes involved in designing actual site-specific public art projects. These will include site research, design development, architectural drawings and model building, and presentation techniques. Studio visits with architects, model-makers, sculptors, and project coordinators are an integral part of the course. Students work on an actual project that is juried by area arts professionals at the end of the semester. NOTE: Special authorization is required from the instructor in order to register for this class.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2801 or ART 2807)

ART 3811. Sculpture Techniques and Materials. 3 Credit Hours.

This course is meant to give students the tools they need to acquire and produce and exhibit. Students will examine displays in multiple contexts, and will be introduced to presentation concepts in art, retail, and the home. They will gain skills in exhibit design, model-making, proper art handling, crate design, fabrication, and shipping. The course will culminate with an off-campus exhibit that is themed, designed, installed and publicized by the class. NOTE: Special authorization for all.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2801 or ART 2807)

ART 3812. Foundry. 3 Credit Hours.

Ceramic shell bronze and aluminum casting techniques are emphasized, as well as a variety of hot and cold casting materials and processes. The course focuses on the way these techniques serve sculptural thinking. NOTE: Special authorization for all.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 3813. Junior Sculpture Seminar. 3 Credit Hours.

This studio class is a bridge from lower level introductory courses to advanced studio work. Aspirations of the profession, studio principles, and critical thinking are stressed, along with readings and discussions in contemporary art theory.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2801, ART 2807, SCLP 2611, SCLP 2621, PDS 2611, or PDS 2621)

ART 3814. Sculpture Workshop. 3 Credit Hours.

The main focus of the course will be to help each student develop a well-considered and professional show of their own work.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 3815. Public of One, Public of Many. 3 Credit Hours.

What do we mean by the word public? General public? A public? The public? Or its plural, publics? In this course students create a range of works - objects, installations, actions, interventions, participatory events, and situations for varying publics. These will include works for an intimate audience of one (which is a public), our class (another public), our Tyler colleagues, the Temple community, and the City of Philadelphia. What questions should we ask to create works for these varying publics? Through an exploratory curriculum, students construct these questions and instigate inventive and meaningful responses.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts, Bach of Science Educ.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1511 (may be taken concurrently) or FDPR 1512 (may be taken concurrently)) and FDPR 1531.

ART 3896. Art/Work. 3 Credit Hours.

This is a seminar about art and work, as well as art as a form of work. Students will investigate their practice as a profession in relation to other forms of labor and to artists who critically explore conventional and innovative forms of actively engaging in the making of images and objects, knowledge and experience. The course will collectively produce a resource guide to being a working artist today. Note: Prior to Fall 2024, this course was titled "PDS Seminar."

Field of Study Restrictions: Must be enrolled in one of the following Majors: Painting, Sculpture.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Course Attributes: WI

Repeatability: This course may be repeated for additional credit.

ART 4082. Independent Study. 1 to 3 Credit Hour.

Self-directed study and research for upper-level BFA students developed in conjunction with, and supervised by, a full-time faculty member in the major area of the student.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 4096. Professional Practices in Art. 3 Credit Hours.

Covers many aspects of career, business and professional practices as they relate to a range of contemporary modes of artistic production. The course includes information and resources relating to artist residencies, grants, internships, and jobs. Business-oriented topics include the pricing of work, taxes, contracts, bookkeeping for small businesses, marketing, legal problems, insurance, advertising, and publicity, artist-gallery relations, and studio operations. NOTE: This is a writing intensive course. Prior to fall 2023, the course title was "Professional Practices in Crafts."

Department Restrictions: Must be enrolled in one of the following Departments: Tyler:Art.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Arts, Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

ART 4101. Advanced Ceramics. 3 Credit Hours.

Problems in ceramics for the advanced student with emphasis on individual research projects with emphasis upon portfolio development.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (6 credits in ART 3101, 6 credits in CRFT 3162, or (3 credits in ART 3101 and 3 credits in CRFT 3162))

ART 4102. Senior Ceramics. 3 Credit Hours.

Fourth-year concentration in ceramics and thesis work.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in 6 credits in ART 3101.

ART 4201. Threading the Needle: Drawing with Stitch II. 3 Credit Hours.

This class builds on techniques learned in Stitching I and includes a research component alongside the development of a studio practice. Students will create a proposal for their research and studio projects that will focus on involved projects that incorporate intermediate and more advanced techniques in the area. Faculty will work individually with students to develop their work, teaching them specific techniques relevant to their stated projects. Students will be expected to present their work to the department and be able to talk about their work and research.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 3201.

ART 4202. Dyeing for Color II. 3 Credit Hours.

This class allows students to further develop their work and research in dyeing and related processes through introducing intermediate and more advanced techniques; working independently students are able to pursue specific areas and projects.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2201 and ART 2202.

ART 4203. Jacquard II. 3 Credit Hours.

This class allows students to further develop their work and research with the Jacquard Loom through introducing intermediate and more advanced techniques; working independently students are able to pursue specific areas and projects.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 3208.

ART 4204. Woven Structure III. 3 Credit Hours.

An exploration of advanced weaving techniques: computer loom drafting and weaving, three-dimensional investigations and structural manipulations.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2204 and ART 3204.

ART 4205. Senior Seminar in Fibers and Material Studies. 3 Credit Hours.

Seniors work independently on research and making work that addresses their individual interests within a contemporary art context. Through in-depth group discussions and critiques students sharpen their perceptions, research skills, conceptual concerns, and refine the content of their work. Students develop strategies for pursuing a professional career in the arts that goes beyond the standard resume writing and website development but rather into the muddy waters of the challenging ethics of being an artist in today's society. Group discussions, readings, field trips and visiting artists augment this class. Group critiques and individual critiques are an integral part of this course.

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits, Sophomore 30 to 59 Credits.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2201 and ART 2202.

ART 4209. Screen Print on Fabric II. 3 Credit Hours.

This class allows students to further develop their work and research in printing methods, including screen print, through introducing intermediate and more advanced techniques; working independently students are able to pursue specific areas and projects.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2202 and ART 3209.

ART 4210. Special Topics in Fibers and Material Studies. 3 Credit Hours.

This course varies from semester to semester; the class content responds to current themes in Fibers and Material Studies and the varying discourses associated. Special topics classes typically include studio work, readings, lectures, writing and field trips.

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits, Sophomore 30 to 59 Credits.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (FDPR 1521, FDPR 1522, FDPR 1531, or FDPR 1532)

ART 4301. Hot Glass Blowing. 3 Credit Hours.

A glass course primarily for the glass major who wants to learn advanced skills in off-hand techniques for blowing traditional and non-traditional glass forms. Advanced color work, team work and advanced methods for combining complicated glass forms will be a major component of this studio class. NOTE: Six hours of studio work outside of class time is required.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2301 or CRFT 2258) and (ART 2302 or CRFT 2261)

ART 4303. Glass Construction, Topic: Kiln Working. 3 Credit Hours.

Predominantly a course in glass object-making. This class will provide beginning instruction through advanced tutelage in kiln forming techniques. Traditional and contemporary processes covered include frit casting from both clay and wax positives, fusing, and slumping. Moldmaking is emphasized and a variety of refractory mold materials will be introduced. A repertoire of finishing processes will be offered to aid in taking the kiln worked object to its completed state.

Class Restrictions: May not be enrolled in one of the following Classes: Freshman 0 to 29 Credits.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 4304. Glass Construction, Topic: Cold Glass. 3 Credit Hours.

This studio course provides comprehensive instruction with regard to "cold" glass-working techniques. 2-D and 3-D glass objects will be constructed with the employment of a variety of procedures without the introduction of heat. The classes will encourage the areas of student expertise. Thus, information on surface treatment (glass texturing), joining (glass to glass, to other materials), and finishing processes will be covered. Proficiency in the creation of structurally and conceptually cohesive objects is stressed.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2301 or CRFT 2258) and (ART 2302 or CRFT 2261)

ART 4306. Hot Glass Casting. 3 Credit Hours.

A glass class that will provide beginning advanced instruction on using molten glass as a material for casting into a wide variety of mold materials. Methods of mold setup, methods for pouring hot glass and finishing glass will be provided and demonstrated. A survey of contemporary craft-artists using these materials and methods will be shown. Presentation and evaluation of finished work will be an important aspect of this studio course.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (FDPR 1531, FDPR 1532, or VS 1351)

ART 4307. Advanced Glass Seminar: Visiting Artist Series. 3 Credit Hours.

This course is for the senior glass major.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2301 or CRFT 2258), (ART 2302 or CRFT 2261), (ART 3307 or CRFT 3243), and (ART 3308 or CRFT 3244)

ART 4308. Advanced Glass Seminar. 3 Credit Hours.

This studio course is for the senior glass major. The emphasis is on historical glass research topics. A survey of glass making from ancient cultures to early American glass will be covered by slide lectures, museum visits, and research projects.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 2301, ART 2302, ART 3307, and ART 3308.

ART 4401. Senior Metals and Plastics. 3 Credit Hours.

The course introduces the student to portfolio preparation. An independent senior project is also encouraged.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 3407 or CRFT 3466)

ART 4402. Senior Metals and Plastics. 3 Credit Hours.

The course introduces the student to portfolio preparation. An independent senior project is also encouraged.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ART 4401.

ART 4403. Senior Seminar in Metals. 3 Credit Hours.

This course provides seniors who are interested in going on to graduate school with an opportunity to experience the responsibilities and rewards of graduate education by participation in the graduate metals seminar. These students, selected by the faculty, are also provided with a workspace in the graduate metals studio.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Metals, Jewelry, CAD-CAM.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 3407 or CRFT 3466)

ART 4404. Rapid Prototyping: 3D Sculpting. 3 Credit Hours.

The advanced CAD/CAM student will learn to use the ZCorp, Z406 3D color printer to test computer-aided-design solid models. Students will also be encouraged to find innovative methods for using the Z406 in the creation of finished tangible objects.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 3405 or CRFT 3435)

ART 4501. Advanced Painting. 3 Credit Hours.

A studio painting course with emphasis on the development of a student's individual point of view. Class work focuses on the development of the student's ability to work at a conceptually advanced level. Experimentation is encouraged and there are frequent class critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 4502. Advanced Painting. 3 Credit Hours.

A studio painting course with emphasis on the development of a student's individual point of view. Class work focuses on the development of the student's ability to work at a conceptually advanced level. Experimentation is encouraged and there are frequent class critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503)

ART 4503. Landscape. 3 Credit Hours.

An examination of painting problems involved in the variable light, space, and form of cityscape and landscape. Work from various sites and sources.

NOTE: This course may fulfill an advanced Painting/Drawing Studio Major or Studio Elective.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 4504. Figure Painting. 3 Credit Hours.

A painting course based on direct observation. Fundamentals of oil painting as well as an understanding of anatomy, composition, and the relationship of the figure to its environment are stressed. The development of an individualized approach and the use of content are explored through group discussion and assigned work.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 4505. Color. 3 Credit Hours.

The study of color, its characteristics, and interaction, explored through studio painting experiences. NOTE: This course may fulfill an advanced Painting/Drawing Studio Major or Studio Elective.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503) and (ART 2502, ART 2504, ART 2507, or ART 2508)

ART 4506. Senior Painting Studio. 3 Credit Hours.

The senior painting studio program is designed to emphasize the development of an active and reflective studio practice. Students identify and pursue their own projects, working independently within a collective critical structure. Entry into this course is by faculty jury selection only.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2501 or ART 2503)

ART 4507. Senior Painting Studio. 3 Credit Hours.

The senior painting studio program is designed to provide an intensive studio experience while working in individual studio space. The group works with two faculty members in individual and group critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 4511. Critical Dialogues. 3 Credit Hours.

Each week a different visiting speaker delivers a public lecture about the history of their work. The speakers are culled primarily from artists, but also from curators and critics. Class members meet after the public lecture for a seminar on the work and ideas presented. Each class member has a private studio critique with a few of the visiting speakers.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 4514. Advanced Drawing. 3 Credit Hours.

In this studio-intensive course students engage in an investigation of subject matter, sources, and strategies for generating work. Experimentation is encouraged and there are frequent class critiques.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2502, ART 2504, or ART 2507)

ART 4517. Figure Drawing. 3 Credit Hours.

An advanced course focused entirely on the human figure as subject. There is emphasis on a variety of approaches to drawing the figure. Dynamics, proportion, anatomy, volume, and structure will be investigated through various drawing methods and selected materials. Frequent historical references will be made through reproductions and slides, and 20th century figure drawing will be thoroughly discussed.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2502, ART 2504, or ART 2507)

ART 4518. Figure Drawing. 3 Credit Hours.

An advanced course focused entirely on the human figure as subject. There is emphasis on a variety of approaches to drawing the figure. Dynamics, proportion, anatomy, volume, and structure will be investigated through various drawing methods and selected materials. Frequent historical references will be made through reproductions and slides, and 20th century figure drawing will be thoroughly discussed.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ART 2502, ART 2504, or ART 2507)

ART 4601. Senior Photography. 3 Credit Hours.

Development of a contemporary theoretical and conceptual foundation for long-range involvement with professional photographic image-making and processes. The course includes research, field trips, critical theory and the organization of a final portfolio of work using various photographic materials. Career options within the field are emphasized.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Photography.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (9 credits in 3600-level ART courses, 9 credits in 3400-level GAD courses, or 9 credits in 3400-level PHOT courses)

ART 4602. Senior Projects Workshop/Seminar. 3 Credit Hours.

A combination workshop/seminar course in which the senior printmaker, through classroom and individual discussion with the instructor, develops and produces a major print project. The course includes a formal presentation of all the projects.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

ART 4696. Senior Seminar in Photography. 3 Credit Hours.

The primary objective of this advanced writing intensive/studio course is to investigate the concept of photography both technically and conceptually. Students will research, revise, and present an extended, articulate, and professionally accomplished body of writings and artwork. Students will learn the professional standards of writing that are expected in the different avenues of photography. Writing and vocabulary skills appropriate to fine arts venues are different than those needed in a commercial endeavor. Students will learn how to identify and use the appropriate language, references, and resources in the photography world. This course is required for all photography majors.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Course Attributes: WI

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (9 credits in 3400-level GAD courses, 9 credits in 3400-level PHOT courses, or 9 credits in 3600-level ART courses)

ART 4801. Senior Sculpture. 3 Credit Hours.

A combined studio and seminar course for senior majors in sculpture. Research of graduate schools and studio practice and career after the BFA is part of this course. Students will work on the preparation of a portfolio and statement of individual working philosophy for either graduate school or gallery/grant applications. The course emphasizes knowledge of contemporary issues in sculpture, and critical and analytical skills through research projects and group discussions and development of the focus of each participants' studio practice through individual and group critiques. The mounting of a group show and design of a catalog for the show are part of this class.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ART 2801 or ART 2807)

ART 4812. Foundry. 3 Credit Hours.

Ceramic shell bronze and aluminum casting techniques are emphasized, as well as a variety of hot and cold casting materials and processes. The course focuses on the way these techniques serve sculptural thinking. NOTE: Special authorization for all.

Degree Restrictions: Must be enrolled in one of the following Degrees: Bachelor of Fine Arts.

College Restrictions: Must be enrolled in one of the following Colleges: Art Architecture, Tyler School.

Repeatability: This course may not be repeated for additional credits.