

Crafts

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The Crafts Department encompasses the media disciplines of Ceramics, Glass, Fibers and Materials Studies, and Metals/Jewelry/CAD-CAM. These disciplines are rooted in a rich history, developed and refined within a contemporary context, and practiced and experienced through a series of formal presentations and evaluations. The Crafts Department faculty endeavor to refine and interpret Crafts traditions, techniques, and concepts while also pursuing the frontiers of their disciplines through their studio practice.

Students are challenged to explore the broad cultural and historical contexts in which their disciplines are made, exhibited, and experienced. They are encouraged to pursue their individual visions with an attitude of curiosity and imagination. The end goal of the curriculum is the education of a Crafts artist who will be creatively active throughout their lives, contributing to the enrichment of not only the communities in which they live and work, but the world community as well.

Upon graduation, students go on to careers in art education, design, the arena of not-for-profit and commercial galleries, and the professional practice of a studio artist. Many students go on to graduate school in order to receive further training and research for their eventual professional careers.

Programs

- Bachelor of Fine Arts in Ceramics (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-ceramics>)
- Bachelor of Fine Arts in Ceramics with Entrepreneurial Studies (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-ceramics-entrepreneurship>)
- Bachelor of Fine Arts in Fibers & Material Studies with Entrepreneurial Studies (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-fibers-material-studies-entrepreneurship>)
- Bachelor of Fine Arts in Fibers & Materials Studies (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-fibers-material-studies>)
- Bachelor of Fine Arts in Glass (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-glass>)
- Bachelor of Fine Arts in Glass with Entrepreneurial Studies (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-glass-entrepreneurship>)
- Bachelor of Fine Arts in Metals/Jewelry/CAD-CAM (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-metals-jewelry-cad-cam>)
- Bachelor of Fine Arts in Metals/Jewelry/CAD-CAM with Entrepreneurial Studies (<http://bulletin.temple.edu/undergraduate/tyler-art/crafts/bfa-metals-jewelry-cad-cam-entrepreneurship>)

Courses

CRFT 2149. Primitive Ceramics. 3 Credit Hours.

A course concentrating on the use of primitive ceramic techniques. This course is structured to develop skills in locating and refining clay, forming processes, and a variety of low temperature firing processes. This course utilizes many of the pottery techniques of Native American ceramics as one of the sources of investigation.

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, Tyler School.

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

Pre-requisites:

CRFT 2151|Minimum Grade of C-|May not be taken concurrently.

CRFT 2151. 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, Tyler School.

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

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 2152. 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.

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

CRFT 2161. 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, Tyler School.

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

Pre-requisites:

CRFT 2151|Minimum Grade of C-|May not be taken concurrently.

CRFT 2237. 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 Arts, Bachelor of Fine Arts, Bachelor of Science Educ.

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

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

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 2238. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 2258. 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, Tyler School.

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

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 2259. 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.

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

CRFT 2261. 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, Tyler School.

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

Pre-requisites:

CRFT 2258|Minimum Grade of C-|May not be taken concurrently.

CRFT 2302. 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, Tyler School.

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

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 2304. 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.

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

CRFT 2305. 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:

FDPR 1521|Minimum Grade of C-|May not be taken concurrently

OR VS 1151|Minimum Grade of C-|May not be taken concurrently.

CRFT 2312. 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, Tyler School.

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

Pre-requisites:

VS 1351|Minimum Grade of C-|May not be taken concurrently
 OR ARCH 1011|Minimum Grade of C-|May not be taken concurrently
 OR FDPR 1531|Minimum Grade of C-|May not be taken concurrently
 OR FDPR 1521|Minimum Grade of C-|May not be taken concurrently
 OR AR11 Y|May not be taken concurrently.

CRFT 2317. 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, Tyler School.

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

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently
 OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently
 OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 2318. 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, Tyler School.

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

CRFT 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2409. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2413. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2415. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2432. 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.

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

CRFT 2433. CAD/CAM I Computer-Aided-Design/Computer-Aided-Manufacture. 3 Credit Hours.

In this introduction to CAD/CAM the student learns to: customize the modeling environment; create basic graphic objects-lines, circles, arcs, curves, solids, and surfaces; draw with precision, using coordinate input and merge models to different file formats; create, test and verify solid models in STL file format for production of rapid prototypes; and render models. NOTE: This course is sometimes offered as an online course under Section Number 701.

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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May be taken concurrently.

CRFT 2434. CAD/CAM II Computer-Aided-Design/Computer-Aided-Manufacture. 3 Credit Hours.

This course is a continuation of CAD/CAM I. The primary objective of this course is to create a solids model in Rhino. The model is then verified for accuracy using Magics RP and prepared for rapid prototyping (RP). Students create a ring model to be produced via the Sanders Model Maker wax rapid prototyping system. These models are verified using Sanders Model/Works and Bview software. The student is assisted in having the model produced and cast. The concepts and principles of computer rendering the 3-D models is a major component of this course. Photorealistic renderings of the student's Rhino models are produced using the NuGraf rendering system. Course Software: Rhinoceros, Magics RP, ModelWorks, Bview and NuGraf.

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, Tyler School.

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

Pre-requisites:

CRFT 2433|Minimum Grade of C-|May not be taken concurrently.

CRFT 2452. 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.

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

CRFT 2453. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 2454. Jewelry. 3 Credit Hours.

This is a continuation of Crafts 2453 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2457. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2459. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2471. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2473. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2475. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2476. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 2479. 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 embedments 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3121. Tyler Art Workshop in Scotland. 3 or 6 Credit Hours.

Tyler Art Workshop in Scotland is a four-week studio art workshop in London and Scotland in conjunction with the Glasgow School of Art, Glasgow, Scotland. The students use their travel and research experiences from the first three weeks of the trip as source material for the creation of finished work during the final week of the program.

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, Tyler School.

Repeatability: This course may be repeated for additional credit.

CRFT 3148. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May not be taken concurrently.

CRFT 3149. Primitive Ceramics. 3 Credit Hours.

A course concentrating on the use of primitive ceramic techniques. This course is structured to develop skills in locating and refining clay, forming processes, and a variety of low temperature firing processes. This course utilizes many of the pottery techniques of Native American ceramics as one of the sources of investigation.

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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3151. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3153. 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, Tyler School.

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

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3158. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3161. 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, Tyler School.

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

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3162. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3167. 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, Tyler School.

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

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3170. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2161|Minimum Grade of C-|May be taken concurrently.

CRFT 3185. Field Internship in Ceramics. 3 Credit Hours.

This program has been established to provide practical experience for students in the Ceramics area that is relevant and useful to the student's course of study. This experience can include: the creation of craft, art sales, design, the acquisition of business skills, as well as the participation in retail and wholesale craft exhibitions. NOTE: In order to get credit for this Field Internship, the student must agree to write a comprehensive paper as described in the guidelines for the Tyler Field Internship Program.

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

Repeatability: This course may be repeated for additional credit.

CRFT 3231. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

CRFT 3237. 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, Tyler School.

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

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 3238. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently
AND CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

CRFT 3241. 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, Tyler School.

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

Pre-requisites:

CRFT 2258|Minimum Grade of C-|May not be taken concurrently.

CRFT 3242. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently
OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently
OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 3243. 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, Tyler School.

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

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)
AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

CRFT 3244. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

CRFT 3285. Field Internship in Glass. 3 Credit Hours.

This program has been established to provide practical experience for students in the Glass area that is relevant and useful to the student's course of study. This experience may include: the creation of crafts, art sales, design; the acquisition of business skills, as well as the participation in retail and wholesale craft exhibitions. A written proposal must be developed and agreed upon in advance of the beginning of the semester, describing the intended setting of the Field Internship and the time commitment that must equal at least eight to ten hours per week for the full semester (13 weeks). NOTE: In order to get credit for this Field Internship, the student must agree to write a comprehensive paper as described in the guidelines for the Tyler Field Internship Program.

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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

CRFT 3300. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FDPR 1521|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1522|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently.

CRFT 3306. Stitching 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 2016, the course title was "Mixed Media Construction: Structural Embellishment I."

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

Pre-requisites:

(CRFT 2305|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2317|Minimum Grade of C-|May not be taken concurrently)

CRFT 3307. 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, Tyler School.

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

CRFT 3311. Body Art & Adornment. 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 indulges 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.

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, Tyler School.

Repeatability: This course may be repeated for additional credit.

CRFT 3318. 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, Tyler School.

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

Pre-requisites:

CRFT 2318|Minimum Grade of C-|May not be taken concurrently.

CRFT 3322. 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:

CRFT 2312|Minimum Grade of C-|May not be taken concurrently.

CRFT 3325. 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:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 3327. 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:

CRFT 2305|Minimum Grade of C-|May not be taken concurrently

OR CRFT 2317|Minimum Grade of C-|May not be taken concurrently

OR CRFT 3317|Minimum Grade of C-|May not be taken concurrently.

CRFT 3333. 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:

CRFT 2318|Minimum Grade of C-|May be taken concurrently.

CRFT 3371. 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:

FDPR 1521|Minimum Grade of C-|May not be taken concurrently
OR FDPR 1522|Minimum Grade of C-|May not be taken concurrently
OR VS 1151|Minimum Grade of C-|May not be taken concurrently.

CRFT 3385. Field Internship in Fibers. 3 Credit Hours.

This program has been established to provide practical experience for students in the Fibers area that is relevant and useful to the student's course of study. This experience can include: the creation of craft, art sales, design, the acquisition of business skills, as well as the participation in retail and wholesale craft exhibitions. A written proposal must be developed and agreed upon in advance of the beginning of the semester, describing the intended setting of the Field Internship and the time commitment that must equal at least eight-ten hours per week for the full semester (13 weeks). NOTE: In order to get credit for this Field Internship, the student must agree to write a comprehensive paper as described in the guidelines for the Tyler Field Internship Program.

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

Repeatability: This course may be repeated for additional credit.

CRFT 3407. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3409. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3415. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3433. CAD/CAM I Computer-Aided-Design/Computer-Aided-Manufacture. 3 Credit Hours.

In this introduction to CAD/CAM the student learns to: customize the modeling environment; create basic graphic objects-lines, circles, arcs, curves, solids, and surfaces; draw with precision, using coordinate input and merge models to different file formats; create, test and verify solid models in STL file format for production of rapid prototypes; and render models. NOTE: This course is sometimes offered as an online course under Section Number 701.

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

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3434. CAD/CAM II Computer-Aided-Design/Computer-Aided-Manufacture. 3 Credit Hours.

This course is a continuation of CAD/CAM I. The primary objective of this course is to create a solids model in Rhino. The model is then verified for accuracy using Magics RP and prepared for rapid prototyping (RP). Students create a ring model to be produced via the Sanders Model Maker wax rapid prototyping system. These models are verified using Sanders Model/Works and Bview software. The student is assisted in having the model produced and cast. The concepts and principles of computer rendering the 3-D models is a major component of this course. Photorealistic renderings of the student's Rhino models are produced using the NuGraf rendering system. Course Software: Rhinoceros, Magics RP, ModelWorks, Bview and NuGraf.

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, Tyler School.

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

Pre-requisites:

CRFT 2433|Minimum Grade of C-|May not be taken concurrently
OR CRFT 3433|Minimum Grade of C-|May not be taken concurrently.

CRFT 3435. Advanced CAD/CAM. 3 Credit Hours.

This course is a continuation of CAD/CAM II. 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, Tyler School.

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

Pre-requisites:

CRFT 2434|Minimum Grade of C-|May not be taken concurrently
OR CRFT 3434|Minimum Grade of C-|May not be taken concurrently.

CRFT 3457. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3459. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3463. 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.

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

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3465. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3466. 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, Tyler School.

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

Pre-requisites:

CRFT 3465|Minimum Grade of C-|May not be taken concurrently.

CRFT 3467. Tyler Metals Workshop, England/Scotland. 6 Credit Hours.

A four-week summer art workshop in England and Scotland. Students first fly to London for an introductory week visiting contemporary metalsmiths, museums and galleries, followed by three weeks traveling in Scotland, working in studio facilities operated by the Glasgow School of Art. The course structure is directed toward studio art majors with a concentration in Metals/Jewelry/CAD-CAM, and emphasizes the creation of artwork based on the student's cross-cultural experiences during the trip. Access to English and Scottish metalsmiths and artist/educators, travel and museum visits supplement the curriculum.

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

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3469. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3471. 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, Tyler School.

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 3479. 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 embedments in plastics. NOTE: This course is for majors only.

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

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

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 4152. 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, Tyler School.

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

Pre-requisites:

CRFT 3162|Minimum Grade of C-|May not be taken concurrently.

CRFT 4162. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 3162|Minimum Grade of C-|May not be taken concurrently.

CRFT 4196. Art Workshop in Scotland. 3 Credit Hours.

A four-week summer studio art workshop on location in Scotland. After an introductory week in London visiting museums, contemporary art galleries, and art schools, students spend the next three weeks working in studio facilities in Scotland at the Glasgow School of Art. Artists from that institution and Tyler School of Art staff conduct a series of intensive workshops in a variety of media. The students' travel and research experiences while in Great Britain are utilized as sources of inspiration for the development of their art work in general and for an exhibition to be held at Tyler in the fall.

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, Tyler School.

Course Attributes: WI

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

CRFT 4237. 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, Tyler School.

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

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 4238. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

CRFT 4241. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

CRFT 4242. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FDPR 1531|Minimum Grade of C-|May not be taken concurrently

OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently

OR VS 1351|Minimum Grade of C-|May not be taken concurrently.

CRFT 4244. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 3243|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 3244|Minimum Grade of C-|May not be taken concurrently)

CRFT 4252. 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, Tyler School.

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

Pre-requisites:

(CRFT 2258|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 2261|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 3243|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 3244|Minimum Grade of C-|May not be taken concurrently)

CRFT 4282. Independent Study. 1 to 3 Credit Hour.

Self-directed study and research for upper-level Crafts majors developed in conjunction with, and supervised by, a senior faculty member in the major area of the student.

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, Tyler School.

Repeatability: This course may be repeated for additional credit.

CRFT 4300. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FDPR 1521|Minimum Grade of C-|May not be taken concurrently
OR FDPR 1522|Minimum Grade of C-|May not be taken concurrently
OR FDPR 1531|Minimum Grade of C-|May not be taken concurrently
OR FDPR 1532|Minimum Grade of C-|May not be taken concurrently.

CRFT 4305. 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. Prior to fall 2016, the course title was "Fabric Pattern and Image II."

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

Pre-requisites:

(CRFT 2305|Minimum Grade of C-|May not be taken concurrently)
AND (CRFT 2317|Minimum Grade of C-|May not be taken concurrently)

CRFT 4316. Stitching 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:

CRFT 3306|Minimum Grade of C-|May not be taken concurrently.

CRFT 4318. 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, Tyler School.

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

Pre-requisites:

(CRFT 2318|Minimum Grade of C-|May not be taken concurrently)
AND CRFT 3318|Minimum Grade of C-|May not be taken concurrently)

CRFT 4325. 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, Tyler School.

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

Pre-requisites:

(CRFT 2305|Minimum Grade of C-|May not be taken concurrently)
AND (CRFT 2317|Minimum Grade of C-|May not be taken concurrently)

CRFT 4333. 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:

CRFT 3333|Minimum Grade of C-|May not be taken concurrently.

CRFT 4371. 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. Prior to fall 2016, the course title was "Silkscreen on Fabric II."

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

Pre-requisites:

(CRFT 2305|Minimum Grade of C-|May not be taken concurrently)

AND (CRFT 3371|Minimum Grade of C-|May not be taken concurrently)

CRFT 4435. Rapid Prototyping. 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 the use of the Z406 in the creation of finished tangible objects

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

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 3435|Minimum Grade of C-|May not be taken concurrently.

CRFT 4436. Rapid Prototyping. 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 the use the Z406 in the creation of finished tangible objects. NOTE: Special authorization for non-majors.

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

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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 3435|Minimum Grade of C-|May not be taken concurrently.

CRFT 4463. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 3466|Minimum Grade of C-|May not be taken concurrently.

CRFT 4464. 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, Tyler School.

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

Pre-requisites:

CRFT 4463|Minimum Grade of C-|May not be taken concurrently.

CRFT 4471. 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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 3466|Minimum Grade of C-|May not be taken concurrently.

CRFT 4485. Field Internship Metals/Jewelry/CAD-CAM. 3 Credit Hours.

The program has been established to provide practical experience for students in the Metals/Jewelry/CAD-CAM area that is relevant and useful to the student's course of study. This experience can include creative approaches to the craft, sales, design, the acquisition of business skills, as well as the participation in retail and wholesale craft exhibitions. NOTE: In advance of the beginning of the semester, a written proposal must be developed and agreed upon. The proposal must describe the intended setting of the Field Internship and the time commitment, which must be at least 8-10 hours per week for the full semester (13 weeks). In order to get credit for this Field Internship, the student must agree to write a comprehensive paper as described in the guidelines for the Tyler Field Internship Program.

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

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, Tyler School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

CRFT 2453|Minimum Grade of C-|May not be taken concurrently.

CRFT 4496. Business Practices in Crafts. 3 Credit Hours.

All aspects of business practices as they relate to the craftsperson are covered. The course includes the pricing of work, taxes, contracts, bookkeeping for small businesses, marketing, artist-gallery relations, studio operations, legal problems, insurance, advertising, and publicity. The student will become familiar with the computer's use in a business environment. NOTE: This is a writing intensive course.

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

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, Tyler School.

Course Attributes: WI

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