Technology, Art and Design - Design Courses

TADD 1440 Design and Drawing Foundations (4 credits)
Two-dimensional visual design and problem solving through introductory drawing experiences. An introduction to the various methods and techniques along with use of materials and understanding of the elements of design and drawing. Students gain a psychological understanding of the connection between humans and nature and the influence of natural forms in the creative process. Liberal Education Goal Area 6

TADD 2440 2D Digital Foundations (4 credits)
An introduction to 2D digital techniques used to create and edit bitmap, vector, and metafile graphic images for various print and digital outputs. Students gain experience in the ideation and critical thinking process used to design and analyze imagery.

TADD 2931 Experimental Course (4 credits)
A course proposed for inclusion in the University curriculum. May not be offered more than two times as an experimental course.

TADD 3251 Watercolor/Aqueous Media (3 credits)
Concentration on the study of composition, color and light, leading to an understanding of watercolor and/or acrylics. Prerequisite: VSAR 2250 or consent of instructor.

TADD 3440 3D Digital Foundations (4 credits)
A comprehensive study of 3D computer modeling and rendering as it relates to spatial definition and form in exhibition design. Prerequisite: 2.75 overall GPA or consent of instructor.

TADD 3450 History of Modern Design (4 credits)
An advanced level survey of major movements and tendencies, and key figures in the development of graphic, craft, and industrial design between the mid-nineteenth century and the present day. Prerequisite: 2.75 overall GPA or consent of instructor. Liberal Education Goal Area 6

TADD 3548 Digital Media/3D (4 credits)
Includes topics on advanced 3D modeling and digital video editing techniques. Focuses on 3D modeling, materials, lighting, and rendering. In combination with the 3D elements, also includes topics on video production, menu design, and video delivery methods. Prerequisites: TADD 1440, TADD 2440, TADD 3440, and 2.75 overall GPA, or consent of instructor.

TADD 3549 Digital Media/Interactive (4 credits)
Focuses on digital media development tailored towards interactive design. Includes topics on digital-signage, flash/web design, and application development. Prerequisites: TADD 1440, TADD 2440, TADD 3440, and 2.75 overall GPA, or consent of instructor.

TADD 3568 Exhibit Design/Trade Show (4 credits)
Focused study of the essential components of exhibition design as they relate to designing for the trade show industry. Engages the exhibit designer in project proposal and design of trade show booths of various types and sizes. Includes concepts relating to "green," modular/portable booths, fabric design solutions, and designing from an RFP. Prerequisites: TADD 1440, TADD 2440, TADD 3440, and 2.75 overall GPA, or consent of instructor; Corequisite: May be taken concurrently with TADD 3440.

TADD 3569 Exhibit Design/Environments (4 credits)
Focused study of the essential components of the exhibition design industry as they relate to designing for three-dimensional environments such as corporate lobbies, educational/museum exhibits, outdoor installations/museums, visitor centers, etc. Prerequisites: TADD 1440, TADD 2440, TADD 3440, and 2.75 overall GPA, or consent of instructor; Corequisite: May be taken concurrently with TADD 3440.

TADD 3578 Digital Print/Typography and Grid (4 credits)
A theoretical and practical study of the visual nature and expressive potential of digital type forms as a fundamental tool of the graphic designer. Students also practice digital print production that includes preparation of all digital typographic and/or graphic assets, and digital layout assembly to create single, spot, and process color documents. Prerequisites: TADD 2440 and 2.75 overall GPA, or consent of instructor.

TADD 3579 Digital Print/Branding and Publication (4 credits)
A theoretical and practical study of the visual and conceptual problems related to branding and packaging. Students also practice digital print production management techniques for all digital assets, and digital layout assembly to create 3D package design, visual identity systems, and related marketing materials. Prerequisites: TADD 2440 and 2.75 overall GPA, or consent of instructor.

TADD 3648 Color Theory (4 credits)
Addresses basic principles of color theories and applications of color in drawing, painting, and design. Using a variety of materials, tools, and techniques, students work on projects that demonstrate concepts such as color mixing, color interaction, color space, color emphasis, and color emotion. Prerequisites: TADD 1440 and 2.75 overall GPA, or consent of instructor. Liberal Education Goal Area 6

TADD 3649 Introduction to Painting (4 credits)
Gives students a basic foundation in painting. Students investigate basic materials, techniques, and form and content as applied to painting. Prerequisite(s): TADD 3648 and 2.75 overall GPA, or consent of instructor. Liberal Education Goal Area 6

TADD 3658 Advanced Drawing (4 credits)
A continued study and application of design elements and principles with a focus on expressive drawing. Drawing materials, papers, and techniques are explored, with an increased use of color. Prerequisites: TADD 1440 and 2.75 overall GPA, or consent of instructor.

TADD 3659 Life Drawing (4 credits)
Expanded instruction in drawing the human figure. This course allows the student to expand his/her knowledge and technical fluency on an individual basis, and encourages personal expression and development. Prerequisites: TADD 1440 and 2.75 overall GPA, or consent of instructor.

TADD 3669 Photography and Digital Imaging (4 credits)
Explores digital photography and imaging techniques with special application to art, design, and communication, with an emphasis on understanding the control and effects of light. Prerequisites: TADD 1440, TADD 2440, and 2.75 overall GPA, or consent of instructor.

TADD 3748 Ceramics/Hand Building (4 credits)
The study and application of hand building for 3-dimensional visual design and problem solving that is integrated with the introduction to basic forming methods, glazing and firing of ceramic forms. Prerequisite: 2.75 overall GPA or consent of instructor. Liberal Education Goal Area 6

TADD 3749 Ceramics/Wheel (4 credits)
Three-dimensional visual design and problem solving is integrated with an introduction to potters wheel forming methods, glazing, and firing of ceramic forms. Prerequisite: 2.75 overall GPA or consent of instructor. Liberal Education Goal Area 6

TADD 4250 Advanced Painting (1-4 credits)
Emphasis on individual understanding of painting media with special attention to creating a body of work appropriate to the individual painter. Prerequisite: VSAR 3252.

TADD 4440 Digital Design Senior Culmination (4 credits)
Focuses on the preparation and presentation of a professional portfolio and interviewing techniques. Students also gain an understanding of personnel management issues, leadership and management styles, basic business principles, and models. Prerequisites: TADD 4549, TADD 4569, TADD 4579, and 2.75 overall GPA, or consent of instructor.

TADD 4450 Studio Arts Senior Culmination (4 credits)
An examination and application of the functions and means of developing a well-designed art exhibition, culminating in an on-campus individual or group exhibition of an Art and Design major's personal art work. Thesis projects may culminate in research or experiential activities. Prerequisites: Senior status and 2.75 overall GPA, or consent of instructor.

TADD 4549 Advanced Digital Media Design (4 credits)
Focuses on combining several digital media elements. Combines 3D modeling, video-production, audio-production, and interactive delivery methods in order to produce advanced digital media content. Prerequisites: TADD 3548, TADD 3549, and 2.75 overall GPA, or consent of instructor.

TADD 4569 Advanced Exhibit Design (4 credits)
Advanced application of exhibit industry design concepts. Includes custom booths, exhibit construction systems, and flexible modular/portable designs. Students are also engaged in various aspects of project management, cost estimation, and budgeting. Prerequisites: TADD 3568, TADD 3569, and 2.75 overall GPA, or consent of instructor.

TADD 4579 Advanced Digital Print Design (4 credits)
A practical study of digital print design production systems within a design team structure to solve practical and complex design problems. Prerequisites: TADD 3578, TADD 3579, and 2.75 overall GPA, or consent of instructor.

TADD 4620 Topics in Studio Arts: [subtitled] (2-4 credits)
Research, advanced exploration, and/or applied study of various topics related to studio arts. Prerequisite: 2.75 overall GPA or consent of instructor. May not be offered every year. Repeatable up to 8 credits

TADD 4630 Topics in Digital Design: [subtitled] (2-4 credits)
Research, advanced exploration, and/or applied study of various topics related to digital design. Prerequisite: 2.75 overall GPA or consent of instructor. May not be offered every year. Repeatable up to 8 credits

TADD 4649 Advanced Painting (4 credits)
Further develops students' understanding of painting. Students investigate use of materials, techniques, form, and content as applied to painting. Prerequisites: TADD 3649 and 2.75 overall GPA, or consent of instructor.

TADD 4659 Trends in Visual Arts (4 credits)
Through lectures, readings, gallery visits, and hands-on activities, students develop an understanding of the elements and principles of art, a basic vocabulary for describing visual art, a general understanding of the role art has played throughout history, and contemporary trends. Prerequisite: 2.75 overall GPA or consent of instructor.

TADD 4749 Ceramics/Non-Vessel (4 credits)
Two- and three-dimensional visual design and problem solving is integrated with the making of non-vessel ceramic forms such as sculpture and tiles. Glazing and firing of ceramic forms is also addressed. Prerequisite: 2.75 overall GPA or consent of instructor. May not be offered every year

TADD 4808 Special Readings (2 credits)
Reading assignments related to studio research. Prerequisite: Consent of instructor.

TADD 4970 Internship (1-12 credits)
The following description may apply: The Visual Arts Internship program gives students the opportunity to spend a semester working one-on-one with an artist or for a major cultural institution. Each field experience is individually designed to meet the needs of the student.

All-University Courses

The course numbers listed below, not always included in the semester class schedule, may be registered for by consent of the advisor, instructor, or department chair, or may be assigned by the department when warranted. Individual registration requires previous arrangement by the student and the completion of any required form or planning outline as well as any prerequisites.

1910, 2910, 3910, 4910 DIRECTED INDEPENDENT STUDY
1920, 2920, 3920, 4920 DIRECTED GROUP STUDY
1930, 2930, 3930, 4930 EXPERIMENTAL COURSE
1940, 2940, 3940, 4940 IN-SERVICE COURSE
1950, 2950, 3950, 4950 WORKSHOP, INSTITUTE, TOUR
1960, 2960, 3960, 4960 SPECIAL PURPOSE INSTRUCTION
1970, 2970, 3970, 4970 INTERNSHIP
1980, 2980, 3980, 4980 RESEARCH
1990, 2990, 3990, 4990 THESIS