UTAH SYSTEM OF HIGHER EDUCATION

Utah System of Higher Education
Interior Design
FY2027 / 31 Credits (930 Clock-Hours)

Foundational Courses

TEID 1011 Design Theory — 3 Credits / 90 Clock-Hours

The Design Theory course explores design contexts, influences, and processes while utilizing industry software to create a design project. Students create and refine project-specific branding and visual renderings, initiate the development of a professional portfolio, and deliver a formal presentation of their work.

Objectives:
• Apply design context, influences, and processes to a design project.
• Utilize industry software to create a 3D building with renderings.
• Design both project-specific branding and personal identity logos.

TEID 1025 Color Theory — 1 Credit / 30 Clock-Hours

Students will explore the basics of color theory, beginning with the color wheel and the role of psychology in the human response to color. Students will also learn to identify tints, tones, and shades of colors through color selections and applications in designs. Students will assess design aesthetics and apply appropriate color harmonies and combinations to enhance or subdue a design.

Objectives:
• Identify tints, tones, and shades of color and their effects.
• Determine the role of various color combinations in enhancing and subduing designs.
• Create unique color harmonies and trend colors using color inspirations.
• Develop and apply color schemes to designs.
• Use color psychology to appropriately select and apply color to design projects.

TEID 1041 Materials and Sources I — 2 Credits / 60 Clock-Hours

Materials and Sources I introduces research, sourcing, and cost estimating of materials for residential and commercial interiors.

Objectives:
• Research and source materials for residential and commercial spaces.
• Calculate material costs using industry formulas for accurate budgeting.
• Develop specifications and planning documentation

TEID 1042 Materials and Sources II — 2 Credits / 60 Clock-Hours

Materials and Sources II applies materials sourcing and cost analysis skills to an interior design project. The course culminates in a complete, portfolio-ready documentation set.

Objectives:
• Create custom elements and apply sourced materials.
• Develop a design solution that meets project requirements.
• Produce portfolio-ready project documentation.

TEID 1050 Textiles and Pattern Development **1 Credit / 30 Clock-Hours**

The Textiles and& Pattern Development course teaches students about the history of textiles and cultural applications in interior design. Students explore fiber types and fabric construction, develop their own textile patterns, and create samples.

Objectives:
• Identify the appropriate construction and application of textiles for residential and commercial designs.
• Develop a textile pattern product line and virtually apply it to an interior space.
• Create fabric samples showcasing different pattern designs and construction methods.
• Select materials for a project which are both aesthetically pleasing and functional.

TEID 1060 Building Codes **1 Credit / 30 Clock-Hours**

Students will learn the process of finish material estimating and ordering procedures for installation. Students will become proficient in estimating and ordering finishes, including flooring, window and wall coverings, draperies, paint, and upholstery. They will also gain an understanding of building codes as they relate to finish materials and project installation. Students will demonstrate mastery of calculating estimates and identifying building code violations through mock-client scenarios.

Objectives:
• Calculate material estimates for a variety of finishes based on mock-client scenarios.
• Apply appropriate building codes while placing finish materials on floor plans.
• Analyze and effectively plan for finish materials within a client's budget.
• Identify areas of concern on floor plans and use building codes to correct building violations.

TEID 1071 AutoCAD Residential Space Planning **3 Credits / 90 Clock-Hours**

The AutoCAD Residential Space Planning course prepares students to design and draft residential spaces using AutoCAD Architecture.

Objectives:
• Draft precise floor plans and detailed drawings based on design concepts.
• Create a residential floor plan, elevation drawings, and schedules that comply with the Americans with Disabilities Act (ADA) and current residential building codes.
• Apply National Kitchen & Bath Association (NKBA) in kitchen and bathroom spaces for the residential floor plan.
• Create clear, accessible, and aesthetically pleasing layouts using space planning principles.
• Recognize and interpret architectural symbols employed in architectural drawings.
• Dimension, annotate, and export drawings to scale.

TEID 1072 AutoCAD Commercial Space Planning **2 Credits / 60 Clock-Hours**

The AutoCAD Commercial Space Planning course prepares students to design and draft commercial spaces using AutoCAD Architecture.

Objectives:
• Create a commercial floor plan, elevation drawings, and schedules that comply with the Americans with Disabilities Act (ADA), current commercial building codes, and given specifications.
• Select materials and products that meet both functional and aesthetic needs.
• Create 3D renderings for accurate visualization of design concepts.
• Create detailed construction documents to convey dimensioning and annotation.
• Redline and refine commercial technical drawings.

TEID 1080 SketchUp Pro **2 Credits / 60 Clock-Hours**

Students will learn to use SketchUp Pro to import AutoCAD files and create 3D BIM (Building Information Modeling) models of existing floor plans, create new floor plans, and learn to use the software's main modeling features for custom architecture and furniture designs. Students will learn to navigate the SketchUp Pro warehouse for products and materials used to develop 3D renderings. They will learn how to use the 3D walk-through presentation features used for client meetings.

Objectives:
• Import design files from other software programs to be edited or added to using SketchUp Pro software.
• Apply knowledge of architecture and design elements to new build designs and create new floor plans.
• Create custom architecture and furniture using the SketchUp Pro BIM modeling software.
• Apply product materials to final renderings and navigate multiple presentation modes for client presentations.

TEID 1091 REVIT **3 Credits / 90 Clock-Hours**

The Revit course covers fundamental skills such as model navigation, floor plan creation, material manipulation, furniture placement, custom modeling, revisions, and design renderings.

Objectives:
• Manipulate models and materials to develop comprehensive building designs.
• Develop floor plans, incorporating windows, doors, and key architectural elements.
• Utilize annotations, tagging, and schedules to enhance communication and documentation.
• Apply custom modeling techniques to develop flexible design solutions.
• Draft detailed drawings.
• Apply lighting and rendering techniques to a design.
• Manage sheets and revisions.

TEID 1101 Architectural Detailing I **3 Credits / 90 Clock-Hours**

Architectural Detailing I introduces detailing and construction documentation standards for interior design and building projects.

Objectives:
• Set up and format construction documents using industry standards.
• Generate detailed building sections and architectural elevations.
• Create detailed architectural, foundational, and structural plans with precise spatial layout, topography, and context.

TEID 1102 Architectural Detailing II **2 Credits / 60 Clock-Hours**

Architectural Detailing II builds on construction documentation skills with an emphasis on developing coordinated architectural drawings and professional construction documents.

Objectives:
• Create detailed architectural and structural plans with precise spatial layout and context.
• Produce detailed schedules and construction documents.
• Produce portfolio-ready project documentation.

TEID 1111 Capstone Programming **3 Credits / 90 Clock-Hours**

The Capstone Programming course prepares students to meet Leadership in Energy and Environmental Design (LEED) standards, create user-focused plans, and integrate branding while adhering to codes and sustainability.

Objectives:
• Perform pre-design research to create a solid foundation for the course project.
• Create comprehensive programming that incorporates project-specific requirements and is aesthetic and functional.
• Implement sustainable design strategies to achieve Leadership in Energy and Environmental Design (LEED) standards.
• Develop a project branding identity and apply branding to products.
• Implement local building codes and regulations.
• Create a complete set of interior design construction documents, including detailed specifications and materials.

TEID 1112 Capstone Showcase **2 Credits / 60 Clock-Hours**

The Capstone Showcase course refines and finalizes design projects using advanced rendering and drafting, industry software, and custom elements. Students receive feedback on multiple iterations, refine their design, and showcase their completed project.

Objectives:
• Develop custom design elements.
• Create high-quality visual renderings.
• Prepare detailed cost estimates covering materials, labor, and custom features.
• Present completed project.

TEID 1130 Business Practices **1 Credit / 30 Clock-Hours**

Students will be introduced to the business aspects of interior design. Students will learn how to apply professional best practices in social media management, interview and employment strategies, freelance work, collaboration with vendors, building and leading a design team, ethical business procedures, industry safety, client relationships, and personal branding. Students will have the opportunity to practice effective interviewing techniques in mock interviews as they job shadow a designer or specific business, create reports on vendors, and develop a business plan. Students will create professional business documents, such as a list of services, contracts, and invoices.

Objectives:
• Develop and practice proper interviewing techniques.
• Identify best practices in social media usage.
• Determine the different ways of building your own business or clientele.
• Identify key ethical and industry-standard business practices.
• Determine how to effectively brand yourself and/or your business.
• Create a vendor/trades list and project management schedules.

Supplemental Courses Varies by Institution

Bridgerland

TEID 1161 Industry Connections **1 Credit / 30 Clock-Hours**

The Industry Connections course prepares students to become members of the larger industry community. Students research industry events, set goals to make the event valuable, and attend the event. Students will report back on what they learned and what connections they made during the event.

Objectives:
• Research and analyze the value of various industry events.
• Select an event to attend that is relevant to career goals.
• Set learning and connection goals for the event.
• Create an event summary including key takeaways and how goals were met.

TEID 2900 Interior Design Externship **1 Credit / 45 Clock-Hours**

The Interior Design Externship course offers hands-on interior design experience through a supervised externship, enhancing students' skills, industry knowledge, and professional networks.

Objectives:
• Research and secure an externship.
• Engage in effective and professional communication with industry colleagues and clients.
• Gain hands-on experience in a professional design environment.