

IDSD 4250 - SUSTAINABLE DESIGN SENIOR PORTFOLIO REVIEW

Credits: 0

Students in this senior-level course gain the technical and practical knowledge and skills necessary to design large-scale work environments based on human productivity and business organizations and their goals. Emphasis is on advanced programming, space planning, furniture, finish and equipment specification, and building system integration while adhering to fire and safety codes and ADA requirements as part of design development and presentation. As part of the Sustainable Design Specialization, coursework must be completed using the sustainable knowledge and strategies obtained to date. Upon successful completion of this course, students will have the ability to formulate and communicate a comprehensive design for a work environment based on research and advanced problem-solving strategies. Students in this junior-level course gain the technical and practical knowledge and skills necessary to design large-scale work environments based on human productivity and business organizations and their goals. Emphasis is on advanced programming, space planning, furniture, finish and equipment specification, and building system integration while adhering to fire and safety codes and ADA requirements as part of design development and presentation. As part of the Sustainable Design Specialization, coursework must be completed using the sustainable knowledge and strategies obtained to date. Upon successful completion of this course, students will have the ability to formulate and communicate a comprehensive design for a work environment based on research and advanced problem-solving strategies.

Prerequisites: IDSD 4200 - Sustainable Design Studio

Corequisites: IDSD 4882 - Senior Project II: Sustainable Design Project

Notes: (Formerly ID 3810 Sustainable Design Senior Portfolio Review)

Course Learning Outcomes	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes	CIDA Standards
GLOBAL CONTEXT Apply a global view and consider social, cultural, economic, and ecological contexts in all aspects of their work.	Thoroughly analyzes and synthesizes a global view and carefully and critically considers social, cultural, economic, and ecological contexts in all aspects of their work.	Applies a global view and considers social, cultural, economic, and ecological contexts in all aspects of the work.	Demonstrates an awareness of global activities (social, cultural, economic, and ecological contexts); however, this awareness is not consistently applied to work.	Does not apply a global view and consider social, cultural, economic, and ecological contexts in all aspects of the work.	ID1	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 4. Global Context
COLLABORATION Collaborate and participate in interdisciplinary teams.	Critically engages in collaborations and actively participates in interdisciplinary teams.	Collaborates and participates in interdisciplinary teams.	Infrequently collaborates and occasionally participates in interdisciplinary teams.	Does not collaborate nor participate in interdisciplinary teams.	ID2	Communication Competence, Design Competence	CIDA Standard 5. Collaboration
BUSINESS PRACTICES + PROFESSIONALISM Understand the principles and processes that define the profession and the value of interior design to society.	Applies the principles and processes that define the profession and demonstrates an understanding of the value of interior design to society.	Understands the principles and processes that define the profession. Recognizes the value of interior design to society.	Recalls the principles and processes that define the profession and the value of interior design to society.	Does not understand the principles and processes that define the profession. Does not recognize the value of interior design to society.	ID3	Cultural Competence, Communication Competence, Design Competence, Critical Thinking	CIDA Standard 6. Business Practices and Professionalism
HUMAN-CENTERED DESIGN Apply knowledge of human experience and behavior to designing the built environment.	Analyzes knowledge of human experience and behavior to the designed, built environment.	Applies knowledge of human experience and behavior to designing the built environment.	Understands how knowledge of human experience and behavior apply to designing the built environment.	Does not apply knowledge of human experience and behavior to designing the built environment.	ID4	Cultural Competence, Communication Competence, Design Competence, Critical Thinking	CIDA Standard 7. Human-Centered Design
DESIGN PROCESS Apply all aspects of the design process to creatively solve a design problem.	Analyzes the aspects of the design process and how they creatively solve design problems.	Applies all aspects of the design process to creatively solve a design problem.	Understands the aspects of the design process, but inconsistently recognizes how they apply to creatively solve design problems.	Does not apply all aspects of the design process nor how they creatively solve design problems.	ID5	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
COMMUNICATION Demonstrate effective and polished written and oral communication skills.	Consistently demonstrates advanced and polished written and oral communication skills with style and finesse.	Demonstrates effective and polished written and oral communication skills.	Inconsistently demonstrates effective written and oral communication skills.	Does not demonstrate effective and polished written and oral communication skills.	ID6	Communication Competence	CIDA Standard 9. Communication
HISTORY + THEORY Apply knowledge of the history of interiors, architecture, decorative arts, and art to design work.	Analyzes knowledge of the history of interiors, architecture, decorative arts, and art within design work.	Applies knowledge of the history of interiors, architecture, decorative arts, and art to design work.	Recognizes the history of interiors, architecture, decorative arts, and art within design work.	Does not apply knowledge of the history of interiors, architecture, decorative arts, and art to design work.	ID7	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 10. History and Theory
DESIGN ELEMENTS + PRINCIPLES Apply elements and principles of design.	Analyzes elements and principles of design.	Applies elements and principles of design.	Recognizes elements and principles of design.	Does not apply elements and principles of design.	ID8	Design Competence	CIDA Standard 11. Design Elements and Principles
LIGHT + COLOR Apply the principles and theories of light and color effectively in relation to environmental impact and human well-being.	Analyzes the principles and theories of light and color effectively in relation to environmental impact and human well-being.	Applies the principles and theories of light and color effectively in relation to environmental impact and human well-being.	Recognizes the principles and theories of light and color in relation to environmental impact and human well-being.	Does not apply the principles and theories of light and color effectively in relation to environmental impact and human well-being.	ID9	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
PRODUCTS + MATERIALS Create design solutions that integrate furnishings, products, materials, and finishes.	Creates design solutions that critically and creatively integrate furnishings, products, materials, and finishes.	Creates design solutions that integrate furnishings, products, materials, and finishes.	Applies design solutions that integrate furnishings, products, materials, and finishes.	Does not create design solutions that integrate furnishings, products, materials, and finishes.	ID10	Design Competence, Critical Thinking	CIDA Standard 13. Products and Materials
ENVIRONMENTAL SYSTEMS + HUMAN WELLBEING Apply the principles of acoustics, thermal comfort, indoor air quality and water and waste management in relation to environmental impact and human well-being.	Evaluates the principles of acoustics, thermal comfort, indoor air quality and water and waste management in relation to environmental impact and human well-being.	Applies the principles of acoustics, thermal comfort, indoor air quality and water and waste management in relation to environmental impact and human well-being.	Recognizes the principles of acoustics, thermal comfort, indoor air quality and water and waste management in relation to environmental impact and human well-being.	Does not apply the principles of acoustics, thermal comfort, indoor air quality and water and waste management in relation to environmental impact and human well-being.	ID11	Design Competence, Critical Thinking	CIDA Standard 14. Environmental Systems and Comfort
CONSTRUCTION Understand interior construction and its interrelationship with base building construction and systems.	Analyzes interior construction and its interrelationship with base building construction and systems.	Understands interior construction and its interrelationship with base building construction and systems.	Recognizes interior construction and inconsistently identifies its interrelationship with base building construction and systems.	Does not understand interior construction and its interrelationship with base building construction and systems.	ID12	Design Competence	CIDA Standard 15. Construction
REGULATIONS + GUIDELINES Apply laws, codes, standards, and guidelines that impact human experience of interior spaces.	Applies laws, codes, standards, and guidelines that impact human experience of interior spaces and critically anticipates other potential future requirements for design regulations.	Applies laws, codes, standards, and guidelines that impact human experience of interior spaces.	Recognizes but inconsistently applies laws, codes, standards, and guidelines that impact human experience of interior spaces.	Does not apply laws, codes, standards, and guidelines that impact human experience of interior spaces.	ID13	Design Competence	CIDA Standard 16. Regulations and Guidelines