

IDSD 4870 - SUSTAINABLE SPECIAL USE DESIGN

Credits: 3

This senior-level studio course emphasizes the development of complex building types and mixed-use occupancies for users with special needs. Students apply knowledge of contemporary issues in the built environment based on research strategies including human behavior, evidence-based design, socioeconomic, cultural, and age-related criteria. 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 demonstrate advanced abilities to plan and implement design solutions for complex design problems using a variety of communication methods.

Prerequisites: IDSD 3870 - Sustainable Office Design

Notes: (Formerly IDSD 4870 Special Use Design - Sustainable Design)

Course Learning Outcomes	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes	CIDA Standards
Understand that human and environmental conditions vary according to geographic location and impact design and construction decisions.	Design work and construction decisions demonstrates an exemplary, thorough, and anticipatory understanding of human circumstances, environmental conditions, and geographic considerations.	Explains human circumstances and environmental conditions and how these vary according to geographic location. Explains how these impact design and construction decisions. Design work demonstrates this understanding.	Defines human circumstances and environmental conditions; however, does not examine how these vary according to geographic location nor their impact on design and construction decisions.	Does not understand that human circumstances and environmental conditions vary according to geographic location and impact design and construction decisions.	ID1 GLOBAL CONTEXT	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 4. Global Context
Understand how social, economic, cultural, and physical contexts inform interior design.	Demonstrates a thorough application and informed understanding of social, economic, cultural, and physical contexts.	Understands how social, economic, cultural, and physical contexts inform interior design.	Recognizes social, economic, cultural, and physical contexts; however, these do not inform design work.	Does not understand how social, economic, cultural, and physical contexts inform interior design.	ID1 GLOBAL CONTEXT	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 4. Global Context
Understand how systems thinking informs the practice of interior design.	Applies system thinking to the practice of interior design.	Understands how system thinking informs the practice of interior design.	Recognizes some elements of the relationship between system thinking and the practice of interior design.	Does not understand how systems thinking informs the practice of interior design.	ID1 GLOBAL CONTEXT	Cultural Competence, Critical Thinking	CIDA Standard 4. Global Context
Recognize current and relevant events that are shaping contemporary society and the world.	Analyzes how current and relevant events shape contemporary society and the world.	Recognizes current and relevant events that are shaping contemporary society and the world.	Recognizes some current and relevant events; however, does not explain how these are shaping contemporary society and the world.	Does not recognize current and relevant events that are shaping contemporary society and the world.	ID1 GLOBAL CONTEXT	Cultural Competence, Critical Thinking	CIDA Standard 4. Global Context
Understand theories related to the impact of the built environment on human experience, behavior, and performance.	Applies theories related to the impact of the built environment on human experience, behavior, and performance.	Understands theories related to the impact of the built environment on human experience, behavior, and performance.	Recalls theories related to the impact of the built environment on human experience, behavior, and performance.	Does not understand theories related to the impact of the built environment on human experience, behavior, and performance.	ID4 HUMAN-CENTERED DESIGN	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 7. Human-Centered Design
Gather and apply human-centered evidence.	Applies human-centered evidence to designs.	Demonstrates the ability to gather and apply human-centered evidence.	Demonstrates the ability to gather and apply some human-centered evidence but research is not thorough nor critical.	Does not demonstrate the ability to gather and apply human-centered evidence.	ID4 HUMAN-CENTERED DESIGN	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 7. Human-Centered Design
Analyze and synthesize human perception and behavior patterns to inform design solutions.	Creates design solutions informed by human perception and behavior patterns.	Demonstrates the ability to analyze and synthesize human perception and behavior patterns to inform design solutions.	Explains human perception and behavior patterns to inform design solutions.	Does not demonstrate the ability to analyze and synthesize human perception and behavior patterns to inform design solutions.	ID4 HUMAN-CENTERED DESIGN	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 7. Human-Centered Design
Apply human factors, ergonomics, and universal design principles to design solutions.	Analyzes human factors, ergonomics, and universal design principles to design solutions.	Demonstrates the ability to apply human factors, ergonomics, and universal design principles to design solutions.	Recalls human factors, ergonomics, and universal design principles and recognizes them within design work.	Does not demonstrate the ability to apply human factors, ergonomics, and universal design principles to design solutions.	ID4 HUMAN-CENTERED DESIGN	Cultural Competence, Design Competence, Critical Thinking	CIDA Standard 7. Human-Centered Design
Apply wayfinding techniques to design solutions.	Analyzes wayfinding techniques within design solutions.	Applies wayfinding techniques to design solutions.	Recognizes wayfinding techniques within design solutions.	Does not apply wayfinding techniques to design solutions.	ID4 HUMAN-CENTERED DESIGN	Communication Competence, Design Competence, Critical Thinking	CIDA Standard 7. Human-Centered Design
Apply space planning techniques throughout the design process.	Analyzes space planning techniques within the design process.	Applies space planning techniques throughout the design process.	Identifies space planning techniques within the design process.	Does not apply space planning techniques throughout the design process.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Apply knowledge and skills learned to solve progressively complex design problems.	Solves progressively complex design problems.	Synthesizes progressively complex design problems.	Analyzes progressively complex design problems.	Does not solve progressively complex design problems.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Apply knowledge and skills learned to identify and define issues relevant to the design problem.	Analyzes issues relevant to the design problem.	Identifies and defines issues relevant to the design problem.	Recalls issues relevant to the design problem.	Does not identify or define issues relevant to the design problem.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Apply knowledge and skills learned to execute the design process: pre-design, schematic design, and design development.	Executes the design process: pre-design, schematic design, and design development.	Synthesizes the design process: pre-design, schematic design, and design development.	Analyzes the design process: pre-design, schematic design, and design development.	Does not execute the design process: pre-design, schematic design, and design development.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process

Apply knowledge and skills learned to synthesize information to generate evidence-based design solutions.	Generates evidence-based design solutions.	Synthesizes information within design solutions.	Analyzes information within design solutions.	Does not synthesize information to generate evidence-based design solutions.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Apply knowledge and skills learned to design original and creative solutions.	Designs original and creative solutions with professional expertise and polish.	Designs original and creative solutions.	Designs with evidence of some originality and some creative solutions.	Does not design original and creative solutions.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Apply knowledge and skills learned to execute the design process: pre-design, quantitative and qualitative programming, schematic design, and design development.	Executes comprehensive and critical design processes: pre-design, quantitative and qualitative programming, schematic design, and design development.	Applies knowledge and skills learned to execute the design process: pre-design, quantitative and qualitative programming, schematic design, and design development.	Applies some knowledge and skills learned to execute some components of the design process: pre-design, quantitative and qualitative programming, schematic design, and design development.	Does not apply knowledge and skills learned to execute the design process: pre-design, quantitative and qualitative programming, schematic design, and design development.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Understand the importance of evaluating the relevance and reliability of information and research impacting design solutions.	Creates designs informed by relevant and reliable information and research.	Evaluates the relevance and reliability of information and research impacting design solutions.	Analyzes information and research impacting design solutions.	Does not understand the importance of evaluating the relevance and reliability of information and research impacting design solutions.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Recognize innovation and risk taking.	Analyzes innovation and risk taking.	Applies innovation and risk taking.	Recognizes innovation and risk taking.	Does not apply innovation and risk taking.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Recognize methods of idea generation and design thinking.	Applies a range of methods of idea generation and design thinking.	Recognizes a range of methods of idea generation and design thinking.	Recognizes some methods of idea generation and design thinking.	Does not recognize methods of idea generation and design thinking.	ID5 DESIGN PROCESS	Design Competence, Critical Thinking	CIDA Standard 8. Design Process
Effectively interpret and communicate data and research.	Effectively interprets and communicates data and research with clarity and criticality.	Effectively interpret and communicate data and research.	Interprets and communicates data and research but without criticality or clarity.	Does not effectively interpret and communicate data and research.	ID6 COMMUNICATION	Communication Competence	CIDA Standard 9. Communication
Effectively express ideas and their rationale in oral communication.	Effectively expresses ideas and their rationale in oral communication and actively engages audience with the material and content.	Effectively expresses ideas and their rationale in oral communication.	Expresses ideas in oral communication but without fully explaining rationale and without clarity or detail.	Does not effectively express ideas and their rationale in oral communication.	ID6 COMMUNICATION	Communication Competence	CIDA Standard 9. Communication
Effectively express ideas and their rationale in written communication.	Effectively expresses ideas and their rationale in written communication and actively engages readers with the material and content.	Effectively expresses ideas and their rationale in written communication.	Expresses ideas in written communication but without fully explaining rationale and without clarity or detail.	Does not effectively express ideas and their rationale in written communication.	ID6 COMMUNICATION	Communication Competence	CIDA Standard 9. Communication
Effectively express ideas developed in the design process through visual media: ideation drawings and sketches.	Effectively expresses ideas developed in the design process through visual media (ideation drawings and sketches) and actively engages audience with the material and content.	Effectively expresses ideas developed in the design process through visual media: ideation drawings and sketches.	Expresses ideas developed in the design process through visual media but without clarity or detail.	Does not effectively express ideas developed in the design process through visual media: ideation drawings and sketches.	ID6 COMMUNICATION	Communication Competence	CIDA Standard 9. Communication
Effectively express project solutions using a variety of visual communication techniques and technologies appropriate to a range of purposes and audiences.	Effectively expresses project solutions using a variety of visual communication techniques and technologies appropriate to a range of purposes and audiences. These expressions demonstrate nuance, criticality, and engagement.	Effectively expresses project solutions using a variety of visual communication techniques and technologies appropriate to a range of purposes and audiences.	Expresses project solutions using some visual communication techniques and technologies although these are not always appropriate to a range of purposes and audiences.	Does not effectively express project solutions using a variety of visual communication techniques and technologies appropriate to a range of purposes and audiences.	ID6 COMMUNICATION	Communication Competence	CIDA Standard 9. Communication
Understand the elements and principles of design, including spatial definition and organization.	Applies the elements and principles of design, including spatial definition and organization.	Understand the elements and principles of design, including spatial definition and organization.	Recognizes the elements and principles of design, including spatial definition and organization.	Does not understand the elements and principles of design, including spatial definition and organization.	ID8 DESIGN ELEMENTS + PRINCIPLES	Design Competence	CIDA Standard 11. Design Elements and Principles
Demonstrate the ability to explore a range of two- and three-dimensional design solutions using a variety of media.	Creates designs informed by a range of two- and three-dimensional design solutions using a variety of media.	Explores a range of two- and three-dimensional design solutions using a variety of media.	Explores some two- and three-dimensional design solutions using some variety of media.	Does not explore a range of two- and three-dimensional design solutions using a variety of media.	ID8 DESIGN ELEMENTS + PRINCIPLES	Design Competence	CIDA Standard 11. Design Elements and Principles
Effectively apply the elements and principles of design and related theories throughout the interior design curriculum to two-dimensional design solutions.	Analyze the elements and principles of design and related theories throughout the interior design curriculum to two-dimensional design solutions.	Apply the elements and principles of design and related theories throughout the interior design curriculum to two-dimensional design solutions.	Recognize the elements and principles of design and related theories throughout the interior design curriculum to two-dimensional design solutions.	Does not apply the elements and principles of design and related theories throughout the interior design curriculum to two-dimensional design solutions.	ID8 DESIGN ELEMENTS + PRINCIPLES	Design Competence	CIDA Standard 11. Design Elements and Principles

Effectively apply the elements and principles of design and related theories throughout the interior design curriculum to three-dimensional design solutions.	Analyze the elements and principles of design and related theories throughout the interior design curriculum to three-dimensional design solutions.	Apply the elements and principles of design and related theories throughout the interior design curriculum to three-dimensional design solutions.	Recognize the elements and principles of design and related theories throughout the interior design curriculum to three-dimensional design solutions.	Does not the elements and principles of design and related theories throughout the interior design curriculum to three-dimensional design solutions.	ID8 DESIGN ELEMENTS + PRINCIPLES	Design Competence	CIDA Standard 11. Design Elements and Principles
Recognize the environmental impact of illumination strategies and decisions.	Analyzes the environmental impact of illumination strategies and decisions to designs.	Recognizes the environmental impact of illumination strategies and decisions.	Identifies some environmental impacts of illumination strategies and decisions.	Does not recognize the environmental impact of illumination strategies and decisions.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Understand the principles of natural and artificial lighting design.	Applies the principles of natural and artificial lighting design.	Understand the principles of natural and artificial lighting design.	Identifies the principles of natural and artificial lighting design.	Does not understand the principles of natural and artificial lighting design.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Understand strategies for using and modulating natural light.	Applies strategies for using and modulating natural light.	Understand strategies for using and modulating natural light.	Identifies strategies for using and modulating natural light.	Does not understand strategies for using and modulating natural light.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Competently select and apply luminaires and light sources.	Competently selects and applies luminaires and light sources with criticality and creativity.	Competently selects and applies luminaires and light sources.	Selects and applies luminaires and light sources with inconsistency.	Does not competently select and apply luminaires and light sources.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Recognize a range of sources for information and research about color.	Analyzes a range of sources for information and research about color.	Recognizes a range of sources for information and research about color.	Identifies some sources for information and research about color.	Does not recognize a range of sources for information and research about color.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Understand how light and color in the interior environment impact health, safety, and wellbeing.	Applies light and color in the interior environment to creatively and critically impact health, safety, and wellbeing.	Understands how light and color in the interior environment impact health, safety, and wellbeing.	Identifies some ways in which light and color in the interior environment impact health, safety, and wellbeing.	Does not understand how light and color in the interior environment impact health, safety, and wellbeing.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Understand color terminology.	Applies color terminology.	Understands color terminology.	Recognizes color terminology.	Does not understand color terminology.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Appropriately select and apply color to support design concepts.	Critically and creatively selects and applies color to support complex design concepts.	Appropriately selects and applies color to support design concepts.	Selects and applies color to design concepts; however, these decisions do not fully support design concepts.	Does not appropriately select and apply color to support design concepts.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Appropriately select and apply color to multiple design functions.	Critically and creatively selects and applies color to multiple design functions.	Appropriately selects and applies color to multiple design functions.	Selects and applies color to some design functions.	Does not appropriately select and apply color to multiple design functions.	ID9 LIGHT + COLOR	Design Competence, Critical Thinking	CIDA Standard 12. Light and Color
Understand how furnishings, objects, materials, and finishes work together to support the design intent.	Analyze how furnishings, objects, materials, and finishes work together to support the design intent.	Understand how furnishings, objects, materials, and finishes work together to support the design intent.	Recognize how furnishings, objects, materials, and finishes work together to support the design intent.	Does not understand how furnishings, objects, materials, and finishes work together to support the design intent.	ID10 PRODUCTS + MATERIALS	Design Competence, Critical Thinking	CIDA Standard 13. Products and Materials
Understand typical fabrication, installation methods, and maintenance requirements.	Evaluates fabrication, installation methods, and maintenance requirements.	Demonstrates an understanding of typical fabrication, installation methods, and maintenance requirements.	Recognizes some fabrication, installation methods, and maintenance requirements.	Does not demonstrate an understanding of typical fabrication, installation methods, and maintenance requirements.	ID10 PRODUCTS + MATERIALS	Design Competence, Critical Thinking	CIDA Standard 13. Products and Materials
Understand appropriate design or specification of products and materials in relation to project criteria and human and environmental wellbeing.	Evaluates appropriate design or specification of products and materials in relation to project criteria and human and environmental wellbeing.	Demonstrates an understanding of appropriate design or specification of products and materials in relation to project criteria and human and environmental wellbeing.	Recognizes the appropriate design or specification of products and materials but not always in relation to project criteria and human and environmental wellbeing.	Does not demonstrate an understanding of appropriate design or specification of products and materials in relation to project criteria and human and environmental wellbeing.	ID10 PRODUCTS + MATERIALS	Design Competence, Critical Thinking	CIDA Standard 13. Products and Materials
Select and apply products and materials on the basis of their properties and performance criteria, including ergonomics, environmental attributes, life safety, and life cycle cost.	Evaluates products and materials on the basis of their properties and performance criteria, including ergonomics, environmental attributes, life safety, and life cycle cost.	Selects and applies products and materials on the basis of their properties and performance criteria, including ergonomics, environmental attributes, life safety, and life cycle cost.	Selects and applies products and materials but without consideration of their properties and performance criteria, including ergonomics, environmental attributes, life safety, and life cycle cost.	Does not select and apply products and materials on the basis of their properties and performance criteria, including ergonomics, environmental attributes, life safety, and life cycle cost.	ID10 PRODUCTS + MATERIALS	Design Competence, Critical Thinking	CIDA Standard 13. Products and Materials
Design and specify a broad range of appropriate products, materials, objects, and elements in support of the design intent.	Evaluate a broad range of appropriate products, materials, objects, and elements in support of the design intent.	Design and specifies a broad range of appropriate products, materials, objects, and elements in support of the design intent.	Design and specifies some appropriate products, materials, objects, and elements in support of the design intent.	Does not design or specify a broad range of appropriate products, materials, objects, and elements in support of the design intent.	ID10 PRODUCTS + MATERIALS	Design Competence, Critical Thinking	CIDA Standard 13. Products and Materials
Understand that design decisions relating to acoustics, thermal comfort, and indoor air quality impact human wellbeing and the environment.	Apply design decisions that relate to acoustics, thermal comfort, and indoor air quality to impact human wellbeing and the environment.	Understand that design decisions relating to acoustics, thermal comfort, and indoor air quality impact human wellbeing and the environment.	Recognize that design decisions relating to acoustics, thermal comfort, and indoor air quality impact human wellbeing and the environment.	Does not understand that design decisions relating to acoustics, thermal comfort, and indoor air quality impact human wellbeing and the environment.	ID11 ENVIRONMENTAL SYSTEMS + HUMAN WELLBEING	Design Competence, Critical Thinking	CIDA Standard 14. Environmental Systems and Comfort
Understand the principles of acoustical design.	Apply the principles of acoustical design.	Understand the principles of acoustical design.	Recognize the principles of acoustical design.	Does not understand the principles of acoustical design.	ID11 ENVIRONMENTAL SYSTEMS + HUMAN WELLBEING	Design Competence, Critical Thinking	CIDA Standard 14. Environmental Systems and Comfort
Understand appropriate strategies for acoustical control.	Apply appropriate strategies for acoustical control.	Understand appropriate strategies for acoustical control.	Recognize appropriate strategies for acoustical control.	Does not understand appropriate strategies for acoustical control.	ID11 ENVIRONMENTAL SYSTEMS + HUMAN WELLBEING	Design Competence, Critical Thinking	CIDA Standard 14. Environmental Systems and Comfort

Understand the principles of thermal design.	Apply the principles of thermal design.	Understand the principles of thermal design.	Recognize the principles of thermal design.	Does not understand the principles of thermal design.	ID11 ENVIRONMENTAL SYSTEMS + HUMAN WELLBEING	Design Competence, Critical Thinking	CIDA Standard 14. Environmental Systems and Comfort
Understand the principles of indoor air quality.	Apply the principles of indoor air quality.	Understand the principles of indoor air quality.	Recognize the principles of indoor air quality.	Does not understand the principles of indoor air quality.	ID11 ENVIRONMENTAL SYSTEMS + HUMAN WELLBEING	Design Competence, Critical Thinking	CIDA Standard 14. Environmental Systems and Comfort
Understand how the selection and application of products and systems impact indoor air quality.	Apply a critical selection and creative application of products and systems impact indoor air quality.	Understand how the selection and application of products and systems impact indoor air quality.	Recognize how the selection and application of products and systems impact indoor air quality.	Does not understand how the selection and application of products and systems impact indoor air quality.	ID11 ENVIRONMENTAL SYSTEMS + HUMAN WELLBEING	Design Competence, Critical Thinking	CIDA Standard 14. Environmental Systems and Comfort
Understand how design solutions affect and are impacted by monitoring systems pertaining to energy, security, and building controls systems.	Evaluates how design solutions affect and are impacted by monitoring systems pertaining to energy, security, and building controls systems.	Understands how design solutions affect and are impacted by monitoring systems pertaining to energy, security, and building controls systems.	Recognizes that design solutions affect and are impacted by monitoring systems pertaining to energy, security, and building controls systems.	Does not understand how design solutions affect and are impacted by monitoring systems pertaining to energy, security, and building controls systems.	ID12 CONSTRUCTION	Design Competence	CIDA Standard 15. Construction
Understand how design solutions affect and are impacted by vertical and horizontal systems of transport and circulation such as stairs, elevators, or escalators.	Evaluates how design solutions affect and are impacted by vertical and horizontal systems of transport and circulation such as stairs, elevators, or escalators.	Understands how design solutions affect and are impacted by vertical and horizontal systems of transport and circulation such as stairs, elevators, or escalators.	Recognizes that design solutions affect and are impacted by vertical and horizontal systems of transport and circulation such as stairs, elevators, or escalators.	Does not understand how design solutions affect and are impacted by vertical and horizontal systems of transport and circulation such as stairs, elevators, or escalators.	ID12 CONSTRUCTION	Design Competence	CIDA Standard 15. Construction
Understand the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents.	Evaluates the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents.	Understands the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents.	Recognizes the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents.	Does not understand the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents.	ID12 CONSTRUCTION	Design Competence	CIDA Standard 15. Construction
Read and interpret base-building construction documents.	Reads and critically interprets base-building construction documents with nuance.	Reads and interprets base-building construction documents.	Reads but cannot adequately interpret base-building construction documents.	Does not read or interpret base-building construction documents.	ID12 CONSTRUCTION	Design Competence	CIDA Standard 15. Construction
Contribute to the production of interior contract documents including drawings, detailing, schedules, and specifications appropriate to project size and scope.	Generates interior contract documents including drawings, detailing, schedules, and specifications appropriate to project size and scope.	Contributes to the production of interior contract documents including drawings, detailing, schedules, and specifications appropriate to project size and scope.	Contributes to the production of some interior contract documents but lacks the ability to contribute to all forms of drawings, detailing, schedules, and specifications appropriate to project size and scope.	Does not contribute to the production of interior contract documents including drawings, detailing, schedules, and specifications appropriate to project size and scope.	ID12 CONSTRUCTION	Design Competence	CIDA Standard 15. Construction
Recognize the origins and intent of laws, codes, and standards.	Analyzes the origins and intent of laws, codes, and standards.	Demonstrates an awareness of the origins and intent of laws, codes, and standards.	Recognizes some the origins and intent of laws, codes, and standards.	Does not demonstrate an awareness of the origins and intent of laws, codes, and standards.	ID13 REGULATIONS + GUIDELINES	Design Competence	CIDA Standard 16. Regulations and Guidelines
Understand standards and guidelines related to sustainability and wellness.	Analyzes the standards and guidelines related to sustainability and wellness.	Understands the standards and guidelines related to sustainability and wellness.	Recognizes some of the standards and guidelines related to sustainability and wellness.	Does not understand the standards and guidelines related to sustainability and wellness.	ID13 REGULATIONS + GUIDELINES	Design Competence	CIDA Standard 16. Regulations and Guidelines
Understand sector-specific regulations and guidelines related to construction, products, and materials.	Analyzes sector-specific regulations and guidelines related to construction, products, and materials.	Understands sector-specific regulations and guidelines related to construction, products, and materials.	Recognizes some of the sector-specific regulations and guidelines related to construction, products, and materials.	Does not understand sector-specific regulations and guidelines related to construction, products, and materials.	ID13 REGULATIONS + GUIDELINES	Design Competence	CIDA Standard 16. Regulations and Guidelines
Apply federal, state/provincial, and local codes including fire and life safety.	Analyzes federal, state/provincial, and local codes including fire and life safety.	Applies federal, state/provincial, and local codes including fire and life safety.	Understands federal, state/provincial, and local codes including fire and life safety.	Does not apply federal, state/provincial, and local codes including fire and life safety.	ID13 REGULATIONS + GUIDELINES	Design Competence	CIDA Standard 16. Regulations and Guidelines
Apply barrier-free and accessibility regulations and guidelines.	Analyzes barrier-free and accessibility regulations and guidelines.	Applies barrier-free and accessibility regulations and guidelines.	Understands barrier-free and accessibility regulations and guidelines.	Does not apply barrier-free and accessibility regulations and guidelines.	ID13 REGULATIONS + GUIDELINES	Design Competence	CIDA Standard 16. Regulations and Guidelines