Colorado CTE Course – Scope and Sequence

Course Name Interior Design 2 Commercial		Course Details	
		Course = 0.50 Carnegie Unit Credit	
Course Description	The purpose of this course is to expose students to various aspects of the interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation-CIDA). The first semester focuses on residential design. Students integrate knowledge, skills and practices to evaluate potential career opportunities. Areas of focus include: Introduction to Residential and Commercial Design; Design Drawings; Professional Practices/Education; Design Elements and Principles; and the Design Process.		
Note:	This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all essential knowledge and skills areThe technical standards for Family and Consumer Sciences are found on the National Administrators for Family and Consumer Sciences website at http://www.nasafacs.org/national-standards-and-competencies.html covered.		
SCED Identification #		Schedule calculation based on 60 calendar days of a 90-day semester. Scope and sequence allows for additional time for guest speakers, student presentations, field trips, remediation, or other content topics.	
All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at **https://www.cde.state.co.us/standardsandinstruction/essentialskills**			

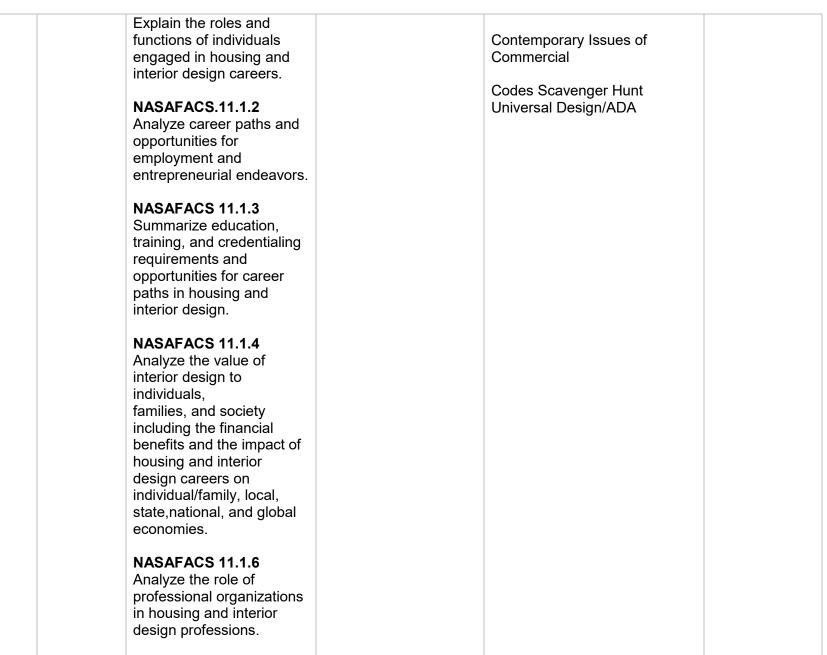| Instructional Unit Topic	Suggested Length of Instruction	CTE or Academic Standard Alignment	Competency / Performance Indicator	Outcome / Measurement	CTSO Integration
Introduction to Commercial Design	3 hours	A. Course Overview B. Resources **IDDC.01 - Course overview and expectations.** ARVD.05.09 (ID) Use ethical and accepted standards of practice, are committed to professional development and the industry, and understand the value of	ARVD.05.09a (ID) Understands the contribution of interior design to contemporary society. ARVD.05.01c (ID) Identify and locate various resources pertaining to the Interior Design Profession. ARVD.05.01a	Sketchbook Portfolio Set Up CAD Lab Agreement What Residential Design Means To Me Philosophy "Commercial Design Is All Around Me" Interview/Observations of a Commercial Space	FCCLA Interior Design

		their contribution to the built environment. **IDCI.01 Residential Interiors** **IDCD.02 Resources** ARVD.05.01 (ID) Develop and understanding of the profession of Interior Design. RWC10-GR.9-S.3-GLE.3-EO.a RWC10-GR.12-S.3-GLE.3-EO.a RWC10-GR10-S.4-GLE.1-EO.d RWC10-GR.12-S.2-GLE.2-EO.f	(ID) Contrast ad communicate the roles of an Interior Decorator versus an Interior Designer.		
Careers/ Issues in Commercial Design	5 hours	A. Interior Design Specializations B. Design Team (e.g. Architect, Developer, Engineers, Contractors, Inspectors, Project Managers) **IDCC.02 Design Team (e.g. Architect, Developer, Engineers, Contractors, Inspectors, Project Managers** **ARVD.05.07** Understand multi-disciplinary collaborations and consensus building. **NASAFACS 11.1.1**	ARVD.05.07.a Develop an awareness of team work structures and dynamics.	Design Ignite Presentation project OR Class Collaborative Google Slides 1. Health Care 2. Hospitality 3. Government / Institutional 4. Corporate / Office 5. Restaurant 1. Issues Influencing Design 2. Green Design 3. Historical Preservation 4. Universal Design 5. American Disabilities Act Design Team Flow Chart Career Shadow/Interview of Design Team or Specific Job Role	FCCLA Career Investigation FCCLA Interior Design FCCLA Job Interview FCCLA Interpersonal Communications (challenges of working in design teams)

		Explain the roles and functions of individuals engaged in housing and interior design careers. **NASAFACS.11.1.2** Analyze career paths and opportunities for employment and entrepreneurial endeavors. **NASAFACS 11.1.3** Summarize education, training, and credentialing requirements and opportunities for career paths in housing and interior design. **NASAFACS 11.1.4** Analyze the value of interior design to individuals, families, and society including the financial benefits and the impact of housing and interior design careers on individual/family, local, state,national, and global economies. **NASAFACS 11.1.6** Analyze the role of professional organizations in housing and interior design professions.		Contemporary Issues of Commercial Codes Scavenger Hunt Universal Design/ADA	

		RWC10-GR10-S.4-GLE.1-EO.d RWC10-GR.11-S.4-GLE.1-EO.a RWC10-GR.12-S.3-GLE.3-EO.a VA09-GR.HS-S.4-GLE.3-EO.b VA09-GR.HS-S.4-GLE.3-EO.c RWC10-GR.9-S.3-GLE.3-EO.a RWC10-GR.11-S.4-GLE.1-EO.a RWC10-GR.11-S.4-GLE.1-EO.d RWC10-GR.9-S.1-GLE.1-EO.b			
Professional Practice	5 hours	A. Responsibility of the Profession B. Business Owner **NASAFACS 11.8.2** Analyze personal and employer responsibilities and liabilities regarding industry related safety, security, and environmental factors. **NASAFACS 11.8.7** Demonstrate knowledge of the arts, of various resources, and of cultural impact upon design industries. **NASAFACS 11.8.8** Demonstrate knowledge of multi-disciplinary collaboration and consensus building skills needed in practice. ARVD.05.09	ARVD.05.09a (ID) Understands the contributions of interior design to contemporary society. ARVD.05.09c (ID) Examine ethical issues in design. ARVD05.14a (ID) Describe recurring and evolving concerns facing individuals, families, workplaces, and communities. ARVD.05.14b (ID) Describe level of concerns: individual, family, workplace, community, cultural/ societal, global/ environment. ARVD.05.04b	1. Health, Safety, Welfare 2. Ethics 3. Licensing Research Health, Safety, Welfare values of various businesses and commercial builders Construct own Health, Safety, and Welfare values for Commercial Client (final project presentation) Licensing in various states virtual breakout or interactive PearDeck Codes Scavenger Hunt Universal Design/ADA	FCCLA Interpersonal Communications (challenges of working with design teams) FCCLA Public Policy Advocate

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		(ID) Use ethical and accepted standards of practice, are committed to professional development and the industry, and understand the value of their contribution to the built environment. ARVD.05.14 (ID) Analyze recurring and evolving family, workplace, and community concerns. **IDPP.02 Professional Ethical Issues / Practice** ARVD.05.04 (ID) Have a global view and weigh design decisions within the parameters of ecological, socio-economic, and cultural contexts.	(ID) Exposure to contemporary issues affecting interior design. ARVD.05.09b (ID) Understands the elements of business practice (business development, financial management, strategic planning, collaboration and integration of disciplines).		
Elements and Principles Related to Public Space	6 hours	A. Review and Apply to Commercial / Public Space B. Elements C. Principles **NASAFACS 11.2.1** Evaluate the use of elements and principles of design in housing and commercial and residential interiors.	ARVD05.13.b (ID) Analyze the psychological impact that the principles and elements of design have on the individual. ARVD.05.13c (ID) Analyze the effects that the elements and principles of design have on aesthetics and function.	Elements and Principles Portfolio -OR- Design For Your Category Design Challenge ● Healthcare ● School ● Hospitality ● Hotel New Hotel Concept Design Project	FCCLA Interior Design FCCLA Repurpose and Redesign

		NASAFACS 11.2.2 Analyze the psychological impact that the principles and elements of design have on the individual.	ARVD.05.13a (ID) Apply the principles and elements of design	
		NASAFACS 11.2.3 Analyze the effects that the principles and elements of design have on aesthetics and function.		
		IDEP.01 Introduction to Elements & Principles		
		IDEP.02 Design Elements (Line, Space, Form/ Shape, Texture, Color, Light)		
		IDEP.03 Design Principles (Proportion, Scale, Balance, Emphasis, Rhythm, Unity/ Harmony)		
		ARVD.05.13 (ID) Evaluate housing design concepts in relation to available resources and options.		
		RWC10-GR.12-S.2-GLE.2-EO.c RWC10-GR.12-S.3-GLE.3-EO.a		

		RWC10-GR.12-S.2-GLE.2-EO.f RWC10-GR.12-S.3-GLE.3-EO.a MA10-GR.HS-S.4-GLE.4-EO.b			

Commercial Programming / Design Process	33 hours	A. Design Process (Review from Residential Design)
		B. Commercial Function
		C. Commercial Programming / Design Process
		
		IDDP.02 Commercial Function
		ARVD.05.03 Develop an understanding of Commercial Interior Design.
		
		IDDP.03
		ARVD.05.10
		Designers select and specify furniture, fixtures, equipment and finish materials in interior spaces.
		
		ARVD.05.11 Use laws, codes, standards, and guidelines that impact the design of interior spaces.
		
		NASAFACS 11.3.2
		Evaluate manufacturers, products, and materials
			ARVD.05.03.a To develop an awareness that residential and nonresidential design are similar in process, but unique characteristics of planning are needed to address a complex commercial space which often has multiple purposes, functions and occupants.
			
			ARVD.05.10.a
			Layout and specify furniture, fixtures and equipment.
			
			ARVD.05.11.a
			Awareness of industry-specific regulations.
			
			ARVD.05.11.b
			Demonstrate an understanding of laws, codes, standards and guidelines that impact fire and life safety that include movement (access to the means of egress including exits).
				1. Health, Safety, and Welfare Issue
				   a. Sustainability Living Room Conversation Research and Discussion
				2. Client Image
				   a. Concept Board
				3. Employee Productivity and Space Efficiency
				   a. Ergonomics and Universal Design Concepts
				
				1. Scope of Project
				   a. FCCLA Planning Process
				2. Programming
				3. Research
				4. Concept Proposal
				5. Schematic Designs
				   a. Bubble Diagrams
				   b. Floor Plans
				   c. Clearances / Design
				   d. Standards
				   e. Codes
				
				Commercial Codes scavenger hunt
				
				CAD Tutorials and Floor Plan
					FCCLA Interior Design
					
					FCCLA Interpersonal Communications (challenges of working with design teams)
					
					FCCLA Interior Design Sketch

		considering building codes and regulations, environmental protection, care and maintenance, and safety issues.	ARVD.05.08.b Produce competent presentation drawings.	****CERTIFICATIONS?****
		NASAFACS 11.3.3 Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.	ARVD.05.15.b Use adequate and reliable information to critique possible actions.	Ozobots practice coding floorplans and evaluating traffic patterns

		NASAFACS 11.3.4 Appraise various interior furnishings, finishes, fixtures, appliances, and equipment to provide cost and quality choices for clients.		6. Design Development
				   a. Furniture Plan
				   b. Interior Finishes
				   c. Aesthetically - Pleasing
				7. Budget/Invoice for FF&E

		NASAFACS 11.3.5 Examine the impact of housing, interiors, and furnishings on the health, safety, and welfare of the public.		Final Project Ideas for students: ● Redesign classroom Learning and Collaboration Areas ● Redesign local library or town hall ● Redesign local recreation center or childcare center
		NASAFACS 11.3.6 Demonstrate design processes such as determining the scope of the project, programming, research, concept development, schematic design, design drawing, and design development and presentation.		

		IDDP.03 **ARVD.05.08** Entry-level interior designers are effective communicators. **IDDP.03** **ARVD.05.15** Implement practical reasoning for responsible action in families, workplaces, and communities. RWC10-GR.12-S.2-GLE.2-EO.c RWC10-GR.12-S.3-GLE.3-EO.a SC09-GR.HS-S.3-GLE.5-EO.a RWC10-GR.10-S.4-GLE.1-EO.d RWC10-GR.12-S.2-GLE.2-EO.e RWC10-GR.12-S.2-GLE.2-EO.f MA10-GR.HS-S.4-GLE.4-EO.b MA10-GR.HS-S.4-GLE.4-EO.b.i VA09-GR.HS-S.4-GLE.2-EO.a RWC10-GR.11-S.4-GLE.1-EO.a RWC10-GR.11-S.4-GLE.1-EO.d			

Communication and Presentation	24 hours	A. Visual Presentation
		B. Verbal Communication
		
		IDCO.01 & IDCP.01
		Visual Presentation
		ARVD.05.08
			ARVD.05.08a
			(ID) Express ideas clearly in visual, oral, and written communication.
			
			ARVD.05.08c
				1. Floor Plans
				   a. CAD or Hand Drawn
				2. Samples Boards
				   a. Layout
				   b. Mounting and Adhesives
					FCCLA Interior Design Scenario
					
					FCCLA Interpersonal Communication

| | | (ID) Entry level interior designers are effective communicators.

IDCO.02 & IDCP.02 Verbal Communication ARVD.05.08
(ID) Entry level interior designers are effective communicators.

NASAFACS 11.7.1
Select appropriate studio tools.
NASAFACS 11.7.2
Prepare sketches, elevations, perspectives, and renderings using appropriate media.

NASAFACS 11.7.4
Utilize a variety of presentation media including drawings, photography, video, computer, and software for client presentations.

NASAFACS 11.7.5
Utilize applicable building codes and universal design regulations and guidelines in space planning.
NASAFACS 11.7.6
Create floor plans using architectural drafting skills | (ID) Integrate oral and visual material to present ideas clearly.

<u>ARVD.05.08a</u>
(ID) Express ideas clearly in visual, oral, and written communication.

<u>ARVD.05.08c</u>
(ID) Integrate oral and visual material to present ideas clearly. | 3. Composition of Board Using the Elements and Principles
1. Accurate Use of Design Vocabulary and Concept
2. Defense of Ideas/ Rationale
3. Appearance and Confidence | (challenges of working in design teams)

FCCLA Interior Design Sketch |

		and computer aided design software.			