

## INTRODUCTION TO HOUSING AND INTERIOR DESIGN

*Introduction to Housing and Interior Design* is an introductory course essential for those students interested in academic enrichment or a career within the housing, interior design, or furnishings industry. This course addresses the selection and planning of designed spaces to meet the needs, wants, values and lifestyles of individuals, families, clients, and communities. Housing decisions, resources and options will be explored including factors affecting housing choices and the types of housing available. Developmental influences on housing and interior environments will also be considered. Basic historical architectural styling and basic furniture styles will be explored as well as basic identification of the elements and principles of design. Design and space planning involves evaluating floor plans and reading construction documents while learning to create safe, functional, and aesthetic spaces. Presentation techniques will be practiced to thoroughly communicate design ideas. Visual arts concepts will be addressed. Direct, concrete mathematics proficiencies will be applied. A project based approach will be utilized requiring higher-order thinking, communication, leadership and management processes as housing and interior design content is integrated into the design of interior spaces while meeting specific project criteria. This course provides the foundation for further study and careers in the architecture, construction, housing, interior design, and furnishings industries.

- DOE Code: 5350
- Recommended Grade Level: Grade 9, 10
- Recommended Prerequisites: None
- Credits: 1 credit per semester, maximum of 2 credits
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

### Application of Content

Intensive laboratory applications are a component of this course and may be either school based or work based or a combination of the two. Work-based learning experiences should be in a closely related industry setting. Instructors shall have a standards-based training plan for students participating in work-based learning experiences.

### Career and Technical Student Organizations (CTSOs)

Career and Technical Student Organizations are considered a powerful instructional tool when integrated into Career and Technical Education programs. They enhance the knowledge and skills students learn in a course by allowing a student to participate in a unique program of career and leadership development. Students should be encouraged to participate in FCCLA (Family, Career and Community Leaders of America), the CTSO for this area.

### Content Standards

#### Domain 1 – Personal, Academic, and Career Success

**Core Standard 1** Integrate processes of thinking, communication, leadership, and management in order to apply housing and interior design knowledge and skills.

Standards	
IHID-1.1	Demonstrate components of critical thinking, creative thinking, and reasoning
IHID-1.2	Evaluate effective communication processes in school, family, career, and community

		settings
	IHID-1.3	Demonstrate leadership that encourages participation and respect for the ideas, perspectives, and contributions of group members
	IHID-1.4	Apply management, decision-making, and problem solving processes to accomplish tasks and fulfill responsibilities
	IHID-1.5	Examine the interrelationships among thinking, communication, leadership, and management processes to address housing, interior design, and furnishings issues
	IHID-1.6	Identify fundamentals to career success (e.g. time-management, strong work ethic, positive attitude, adaptability/flexibility, stress resilience, accountability, self-discipline, resourcefulness, cooperation, self-assessment)

**Domain 2 – Careers in Housing, Interior Design, and Interior Furnishings**

**Core Standard 2** Investigate career pathways, education, and training in the housing, interior design and furnishings industry.

	<b>Standards</b>	
	IHID-2.1	Examine potential career paths, opportunities and trends in the housing, interior design, and furnishings industry
	IHID-2.2	Determine roles and functions; knowledge, skills, and attitudes; and rewards and demands associated with careers and levels of employment in the housing, interior design, and furnishings industry
	IHID-2.3	Identify education and training requirements in the housing profession that enhance career advancement and promote lifelong learning
	IHID-2.4	Identify volunteer roles, part-time jobs, and entry-level positions that offer opportunities to explore the housing, interior design, and furnishings industry
	IHID-2.5	Identify opportunities, benefits, and risks of entrepreneurial career pathways in the housing, interior design, and furnishings industry
	IHID-2.6	Practice technical skills required of professionals in the housing, interior design, and furnishings industry

**Domain 3 – Housing Decisions, Resources, and Options**

**Core Standard 3** Evaluate housing decisions in relation to available resources and options.

	<b>Standards</b>	
	IHID-3.1	Examine factors affecting housing choices and types of available housing related to satisfying needs, wants, values and lifestyles of individuals, families, clients and communities
	IHID-3.2	Assess individual, family, client and community needs, goals, and resources in planning for housing, interiors, and furnishings
	IHID-3.3	Analyze geographic locations, safety and security, energy-efficiency, aesthetic preferences, and required maintenance in order to make housing choices that meet the needs of individuals, families, clients, and communities
	IHID-3.4	Evaluate the impact of zoning regulations, restrictions, and ownership options on housing choices
	IHID-3.5	Examine processes and costs for acquiring and maintaining a residence or business

**Domain 4 – Space Planning of Housing and Interior Environments**

**Core Standard 4** Develop space planning skills used in housing, interior design, and furnishings careers.

<b>Standards</b>	
IHID-4.1	Interpret and evaluate floor plans and scaled drawings
IHID-4.2	Analyze activity zones, traffic patterns, and storage systems of floor plans for safety, efficiency and adequacy
IHID-4.3	Create floor/space plans that meet the needs of individuals, families, and clients
IHID-4.4	Apply universal and accessibility guidelines and regulations to floor/space planning and furniture arrangement of living/sleeping, service/work, and kitchen/bath areas
IHID-4.5	Prepare interior floor/space plans using standard industry scales and symbols
IHID-4.6	Describe industry standards for measuring, estimating, purchasing, and pricing
IHID-4.7	Examine aesthetics, function, and psychological impacts of design plans that address individual, family, client, and/or community needs, goals, and resources
<b>Domain 5 – Communications and Marketing</b>	
<b>Core Standard 5</b> Integrate processes of communication in the creation, expression, and interpretation of design information and ideas.	
<b>Standards</b>	
IHID-5.1	Devise and write a design plan identifying design phases and processes, client needs and consultations, and project management skills
IHID-5.2	Demonstrate professional lettering and labeling, creation of legends, keys, and information boxes, etc. to communicate design ideas
IHID-5.3	Design and illustrate the foundational elements of marketing a professional identity
IHID-5.4	Practice various methods of interior design presentation using available information technology, presentation media, and other resources in client presentations and additional communication processes
IHID-5.5	Create presentation boards utilizing professional mounting techniques and arrangement of items to communicate to a client all aspects of design plans/ideas
<b>Domain 6 – Design Concepts of Housing, Interiors, and Furnishings</b>	
<b>Core Standard 6</b> Practice and analyze technical design and space planning skills related to the function of housing, interior spaces, and furnishings.	
<b>Standards</b>	
IHID-6.1	Identify and apply architectural symbols in the design of housing and interior spaces
IHID-6.2	Interpret and evaluate a variety of construction drawings and documents
IHID-6.3	Identify the elements and principles of design
IHID-6.4	Analyze floor plans for arrangement of furniture and furnishings considering architectural features, usable space, circulation/traffic patterns, clearance spaces, and the elements and principles of design
IHID-6.5	Draw interior space plans and design living, sleeping, service, and/or work areas to scale using architectural symbols
IHID-6.6	Demonstrate mathematical applications in the creation of scaled plans, measuring and calculation of square footage, volume of interior space, and cost per square foot
IHID-6.7	Select and arrange suitable furnishings and accessories for a given space using industry scaled templates
IHID-6.8	Apply color theory, design elements and design principles in planning and selection of

		furnishings and appropriate interior background treatments for floors, walls, and windows of living and work environments
	IHID-6.9	Compare and contrast functionality and aesthetics of interior space designs, furniture arrangement, and common architectural features
<b>Domain 7 – Developmental Influences on Housing and Interior Environments</b>		
<b>Core Standard 7</b> Assess factors that influence design and development in housing and interiors.		
	<b>Standards</b>	
	IHID-7.1	Identify ways that historical and contemporary societal aspects, as well as emerging trends, affect the design of housing and interior environments and the space needs of individuals, families, clients, and communities
	IHID-7.2	Identify design concepts of interior environments to accommodate universal design, accessibility, and other needs of the physically challenged and elderly
	IHID-7.3	Identify features of basic architecture and furniture styles
	IHID-7.4	Describe how features of architecture, furniture, and furnishings have been influenced by technology and mass production through various historical periods
	IHID-7.5	Identify environmental factors and emerging trends related to master planning of communities and the design of sustainable and “green” housing and furnishings