



**Goodheart-Willcox Correlation of
Housing and Interior Design ©2018
to Oklahoma Standards for Career Tech / Arts, AV Technology & Communication
Course: Interior Design – Grades 9-12**

Standard	Correlating Textbook Pages
Analyze career paths within the housing, interior design, and furnishings industries.	
Explain the roles and functions of individuals engaged in housing and interior design careers.	21, 54, 67, 70, 96, 100, 130, 149, 166, 176, 221, 233, 236, 261, 280, 317, 331, 347, 365, 394, 421, 439, 447, 468, 471, 498, 527, 557, 579, 591, 621-622, 658, 674
Analyze career paths and opportunities for employment and entrepreneurial endeavors.	627-628, 662-677
Summarize education, training, and credentialing requirements and opportunities for career paths in housing and interior design.	21, 166, 176, 261, 280, 331, 365, 394, 471, 621, 623-631, 674
Analyze the impact of housing and interior design careers on local, state, national, and global economies.	37-40, 42-44, 56-57
Create an employment portfolio for use with applying for internships and work-based learning opportunities in housing and interior design careers.	23, 57, 187, 107, 133, 151, 169, 188, 223, 249, 267, 295, 319, 335, 355, 371, 399, 417-419, 425, 451, 475, 501, 535, 567, 587, 613, 633, 642, 661, 677
Analyze the role of professional organizations in housing and interior design professions.	629-633
Analyze the attitudes, traits, and values of professional responsibility, accountability and effectiveness required for careers in housing and interior design.	80, 139, 209, 241, 542, 618-620, 636-638, 645-661
Evaluate housing and design concepts and theories, including sustainability and universal design, in relation to available resources and options.	
Evaluate the use of elements and principles of design in housing and commercial and residential interiors.	321-371
Analyze the psychological impact that the principles and elements of design have on the individual.	10, 330, 338-339, 341, 349, 354-355, 515
Analyze the effects that the principles and elements of design have on aesthetics and function.	321-371



Apply principles of human behavior, ergonomics, and anthropometrics to the design of housing, interiors, and furnishings.	162, 330, 359, 371, 495
Apply residential and commercial interior design knowledge, skills and processes to meet specific design needs.	
Analyze product information, including but not limited to floor coverings, wall coverings, textiles, window treatments, furniture, lighting fixtures, kitchen and bath fixtures and equipment.	250–267, 428–535
Evaluate manufacturers, products, and materials considering building codes and regulations, environmental protection, care and maintenance, and safety issues.	449, 450–451, 455–456, 464, 466–467, 500
Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.	19, 117, 137, 144, 210, 246, 273, 306, 327, 381–384, 388–391, 399, 444, 454, 460, 462, 465, 472–475, 502, 504, 507–509, 529–533, 535, 548, 556, 608–610
Appraise various interior furnishings, finishes, fixtures, appliances, and equipment to provide cost and quality choices for clients.	268–295, 476–509, 512–529
Examine the impact of housing, interiors, and furnishings on the health, safety, and welfare of the public.	217, 254, 258, 271–276, 294–295, 305, 440, 442, 449–451, 466, 495, 580, 585, 654
Demonstrate design processes such as determining the scope of the project, programming, research, concept development, proposal, schematic design, design drawing, and design presentation development.	373–413, 424–425, 509, 567, 613, 633
Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.	
Interpret information provided on design, construction, and other industry-related interior design documents.	136–151, 324–369
Evaluate floor plans for efficiency and safety in areas including but not limited to zones; traffic patterns; storage; and electrical, plumbing, ventilation, and thermal systems.	152–199, 224–249, 358–369
Draft an interior space to scale using architecture symbols.	151, 169, 199, 358–369



Arrange furniture placement with reference to principles of design, traffic flow, activity, and existing architectural features.	162–167, 169, 173–199
Apply building codes, universal design guidelines, and regulations in space planning and arrangement of furniture and furnishings.	52, 56, 74, 78–79, 87, 162–167, 355–386
Demonstrate graphic communication skills (CAD, PowerPoint, sketching).	45, 87, 105, 133, 136–148, 151, 169, 199, 223, 295, 319, 335, 371, 405–409, 422, 425, 509, 633
Analyze design and development of architecture, interiors, and furnishings through the ages.	
Describe features of furnishings that are characteristic of various historical periods.	476–488
Explain societal and technological trends on periods of architecture and interior design through the ages.	26–33, 37–40, 44–46, 476–488
Illustrate the development of architectural styles throughout history.	26–33, 108–133
Compare and contrast historical architectural details to current housing and interior design trends.	26–57, 108–133
Predict future design and development trends in architecture, interiors, and furnishings.	26–33, 108–133, 476–509
Evaluate client's needs, goals, and resources in creating design plans for housing and residential and commercial interiors.	
Assess financial resources needed to improve interior space.	42, 60–64, 376–391, 398–399, 533, 541–550, 559
Assess client's community, family, and financial resources needed to achieve housing and interior design goals.	63, 68, 90, 131, 207, 231, 233, 254, 312, 376–391, 398–399, 402–404, 440, 473, 492, 514, 520, 533, 541–550, 555
Assess a variety of available resources for housing and interior design, such as evidence based design that accounts for human factors and issues of human behavior.	34–46, 162, 172–179, 330, 373, 376–391, 398–399, 495
Critique design plans to address client's needs, goals and resources.	34–46, 373, 376–399
Justify design solutions relative to client needs, including diversity and cultural needs, and the design process.	35, 124, 376–399, 425, 515
Apply design knowledge, skills, processes, and theories and oral, written, and visual presentation skills to communicate design ideas.	
Select appropriate studio tools.	45, 138, 315–317, 386, 405, 411
Prepare sketches, elevations, perspectives, and renderings using appropriate media.	384–387, 399



Prepare visual presentations including legends, keys, and schedules.	399, 405–422
Utilize a variety of presentation media including drawings, photography, video, computer, and software for client presentations.	405–422, 424–425
Utilize applicable building codes and universal design regulations and guidelines in space planning.	52, 56–57, 74, 78–79, 87, 162–167, 169–199, 202, 204, 211–212, 223, 377–378, 394
Create floor plans using architectural drafting skills and computer aided design software.	371, 373, 424–425, 509, 535
Analyze professional practices and procedures for business profitability and career success, and the role of ethics in the housing, interiors and furnishings industries.	
Examine legislation, regulations, and public policy that affect residential and commercial interior design as well as the housing and furnishings industries.	46–57, 449, 440, 442, 466, 473, 492, 507, 509, 514, 551, 566–567, 645
Analyze personal and employer responsibilities and liabilities regarding industry related safety, security, and environmental factors.	139, 217, 241, 254, 275, 305, 466, 473, 654–655, 661
Describe security and inventory control strategies, laws and regulations, and worksite policies and procedures that affect loss prevention and profit.	653–654, 670, 677
Demonstrate procedures for reporting and handling accidents, safety, and security incidents.	274–275, 570–585, 654–655
Apply procedures for maintaining inventory control and loss prevention, including cash and credit transactions.	671, 674–675, 677
Analyze operational costs such as mark ups, mark downs, cash flow, and other factors affecting profit.	382, 398, 671–677
Demonstrate knowledge of the arts, of various resources, and of cultural impact upon design industries.	18, 34–36, 43, 124, 162, 330, 341, 515, 547, 553, 645, 650, 671
Demonstrate knowledge of multi-disciplinary collaboration and consensus building skills needed in practice.	391, 393–396, 398–399, 619, 629–630, 637–638, 649, 651–655, 658–659, 661
Develop a global view to weigh design decisions with the parameters of sustainability and socioeconomic and cultural contexts within the housing, interior design, and furnishings industries.	
Demonstrate knowledge and skills to incorporate recycle and redesign principles.	24–57, 62–87, 88–105, 107, 131, 139, 207, 209, 241, 271, 312, 478–488, 492, 514, 519–521, 530–532, 534–535, 551, 609