



**Cluster Overview :** Careers in designing, planning, managing, building and maintaining the built environment.

# Design/Pre-Construction

**Career Goal (O\*NET Code):** Interior Designer (27-1025), Merchandise Displayer and Window Trimmer (27-1026), Set & Exhibit Designer (27-1027), Cost Estimator (13-1051).

**Student Name:** \_\_\_\_\_

**Grade:** \_\_\_\_\_

**School:** \_\_\_\_\_

## SUGGESTED COURSEWORK

## EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Exploring Construction Technology Touch System Data Entry	<b>Curricular Experiences:</b> <a href="#">DECA</a> <a href="#">Family, Career and Community Leaders of America</a> <a href="#">SkillsUSA</a> <a href="#">Technology Students Association</a>	<b>Extracurricular Experiences:</b> Art Clubs Design Competitions Language Immersion Programs School Newspaper UIL Academic Competition Yearbook	
High School	9th	<b>Core Courses:</b>	English I Algebra I or Geometry Biology			World Geography Languages other than English I Physical Education
		<b>Career-Related Electives:</b>	Principles of Architecture and Construction or Art I			
	10th	<b>Core Courses:</b>	English II Geometry or Alg II Chemistry	World History Languages other than English II		
		<b>Career-Related Electives:</b>	Interior Design and Entrepreneurship or Business Information Management I			
	11th	<b>Core Courses:</b>	English III Algebra II or Pre-Cal Physics or Princ of Technology	United States History Professional Communications		
		<b>Career-Related Electives:</b>	Advanced Interior Design or Entrepreneurship			
12th	<b>Core Courses:</b>	English IV Alg III, Pre-Calculus, or AP Calculus Science Elective	Government/Economics Fine Arts	<b>COLLEGE CREDIT OPPORTUNITIES -- High School</b>  Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses (Tech Prep), if possible. List those courses that count for college credit on your campus.		
	<b>Career-Related Electives:</b>	Practicum in Interior Design				
On-the-Job Training	Building Trades Assistant      Floral Assistant      Sales Clerk-Furnishings Decorator Design Assistant      Home Improvement Sales Clerk      or Equipment NOTE: These experiences may be started and/or completed as part of the high school experience.			<b>Career Options:</b> Renderer      Drafter	<b>Professional Associations:</b> <a href="#">American Architectural Foundation</a> <a href="#">American Institute of Architects</a> <a href="#">American Society of Interior Designers</a> <a href="#">American Society of Landscape Architects</a> <a href="#">Design Build Institute of America</a> <a href="#">National Council for Interior Design Qualifications</a> <a href="#">International Interior Design Association</a> <a href="#">National Trust for Historic Preservation</a> <a href="#">Texas Association for Interior Design</a> <a href="#">Texas Society of Architects</a> <a href="#">U.S. Green Building Council</a>	
	Certificates	ADDA Drafter      Drafter      OSHA CareerSafe Customer Service      OSHA 10 Hour General Industry NOTE: Students may earn all or part of these certificates as part of the high school experience.				
Postsecondary	Associate Degrees	<a href="#">Design Technology</a> <a href="#">Housing Studies</a>	<a href="#">Interior &amp; Architectural Design</a> <a href="#">Interior Architecture</a>	<b>Career Options:</b> Computer Aided Drafter Floral Designer	Furnishings/Equip Sales Associate Interior Design Assistant Modeler	
	Bachelor Degrees	Architecture Computer Aided Drafting & Design	Family & Consumer Sciences- Interior Design Historic Preservation	<b>Career Options:</b> Building Code Official Cost Estimator	Interior Designer Manufacturer's Representative Specifications Writer	
	Graduate Degrees	Architecture Environmental Design & Consumer Economics	Environmental Design Historic Preservation	<b>Career Options:</b> Architect Industrial Designer	Educator-Interior Design, Landscape Design, CAD Interior Design Specialist	

Students may select other elective courses for personal enrichment purposes.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2009. All plans meet high school graduation requirements as well as college entrance requirements.