Course Number: IDT-0705  
OCAS Code: None  
Course Length: 60 Hours  
Career Cluster: Arts, A/V Technology & Communications  
Career Pathway: Visual Arts  
Career Major(s): Interior Design Technician  

Pre-requisite(s): IDT-0240 Interior Design Introduction; IDT-0042 Color & Design; IDT-0246 Interior Design Fundamentals  

Course Description: This course teaches the student to become skilled in lettering and orthographic drawing. Students will identify equipment used in drafting, drawing and sketching. Lettering and standards will be applied as students have opportunities to practice drawing plans. In the course students will analyze plans, insert furniture and apply renderings to the student-developed plan.  

Textbooks:  
Architecture: Residential Drafting and Design by Clois E. Kicklighter and Joan C. Kicklighter (2004)  
Instructor-created materials  
Residential Housing and Interiors by Clois E. Kicklighter and Joan C. Kicklighter (2005)  

Course Objectives:  

A. Drafting Techniques.  
1. Identify equipment used in drafting, drawing, and sketching.  
2. Practice architectural lettering.  
3. Discuss standards used in architectural drafting.  
4. Explain the differences in orthographic drawing and paraline and perspective drawings.  
5. Match symbols used in floor plans.  

B. Orthographic Drawing.  
1. Analyze plans, sections, and elevations.  

C. Floor Plans.  
1. Draw residential floor plans.  
2. Create design boards using floor plans.  
3. Learn to dimension properly.  

D. Renderings.  
1. Identify materials used in renderings.  
2. Examine methods used in renderings.  
3. Apply renderings to a perspective.  
4. Demonstrate applying renderings floor plan and furniture.  

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DRAFTING & GRAPHIC DESIGN

1. ODCTE objectives
2. Priority Academic Student Skills (PASS) – High School Visual Art
All unmarked objectives are TTC instructor developed.

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

Grading Procedures: 1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

Description of Classroom, Laboratories, and Equipment: Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility: The student must maintain a grade point average of 2.0 or better.