Architectural Drawing and Design I

Instruction   50%
Employability Skills
- A) *Update Résumé*   **AC-ADDI -1**
- B) Prepare a *brochure* reflecting the disciplines related to architectural drawing and profession of an architect   **AC-ADDI -1**

Drawing Layouts
- A) Architectural Blue Print Exam Sheets   **AC-ADDI -2-8**
- B) Room Planning with Revit
    - a. *Kitchen designs*   **AC-ADDI -2, 3**
        - i. *Corridor & L Shape*
        - ii. *Peninsula & Island*
        - iii. *L-Shape Family Kitchen*
        - iv. *Bathroom*
    - b. *Bedroom and Closets*   **AC-ADDI -2, 3**
        - i. *Master bedroom*
        - ii. *Closet & Storage*
- C) *Room Planning with Revit*
    - a. *Kitchen designs*   **AC-ADDI -2-4**
    - b. *Master Bedroom and Closets*   **AC-ADDI -2-4**
    - c. *Roof Designs with Revit*   **AC-ADDI -2-5**

Projects   35%
Application of drawing techniques.

- A) *Model: (Varied theme)*   **AC-ADDI -2-10**
- B) *Residential Design Project*   **AC-ADDI -2-10**

Final   15%
Portfolio of architectural topics and drawings   **AC-ADDI -1-10**

Course Standards

ACT-ADDI-1 Demonstrate employability skills required by business and industry.
ACT-ADDI-2 Identify components related to the architectural design process.
ACT-ADDI-3 Demonstrate architectural drafting skills.
ACT-ADDI-4 Prepare residential floor plans
ACT-ADDI-5 Research roof systems, styles and terminology
ACT-ADDI-6 Prepare elevations for residential drawings.
ACT-ADDI-7 Demonstrate preparing schedules
ACT-ADDI-8 Demonstrate preparing foundation plans
ACT-ADDI-9 Maintain a course portfolio
ACT-ADDI-10 Examine how SkillsUSA is a co-curricular part of career and technical education