Spokane Community College
COURSE LEARNING OUTCOMES (CLO) AND OUTLINE

Course Title: Architectural Design 1
Prefix and Course Number: ARCHT 122
Version Date: 1/31/22

Course Learning Outcomes

By the end of this course, a student should be able to:

1. Describe and implement the design process for residential project or landscape architecture project
2. Produce a schematic design package for a residential project or landscape architecture project.
3. Demonstrate teamwork skills appropriate for professional environment
4. Demonstrate proficiency in presentation with graphic, written and verbal delivery
5. Demonstrate self-advocacy in career advancement strategies

Course Outline:

I. Pre-Design
   A. Programming
      1. Activities of the Building (or Site for Landscape Architecture Students)
      2. Functions of the Building (or Site for Landscape Architecture Students)
   B. Site Analysis
      1. Topography and Geology
      2. Adjacent Properties/Context
      3. Plants and Ecosystem
      4. Climate and Microclimate
      5. Vehicular and Pedestrian Access
      6. Native and Indigenous People’s Land Acknowledgment and Study
      7. Code and Zoning Review

II. Schematic Design Process and Creation
   A. Bubble Diagrams
   B. Floor Plans (Planting Plans for Landscape Architecture Students)
   C. Site Plan
   D. Creation of 3D model
   E. Generation of Elevations and Sections from 3D model

III. Schematic Design Presentation
   A. Development of 3D Scenes
      1. Perspective Views
      2. Parallel Projections (Isometric and Axonometric)
      3. Digital Software for Photorealism and Other Effects
   B. Selection of Images
   C. Multi-Media Manipulation of Images
   D. Delivery of Schematic Design Package
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IV. Human Relations  
A. Teamwork in Professional Practice  
B. Communication Styles  
C. Self-Advocacy  
D. Public Speaking  
E. Proactive Advancement Strategies  

V. Application of Drafting Standards  
A. Abbreviations  
B. Typical Symbols  
C. Material Indications  
D. Choosing the Appropriate Scale  
E. Dimensions