

Virginia Western Community College

HRT 231

Planting Design I

Prerequisites

HRT 201

Course Description

Applies landscape theory and principles of drawing to the planning of residential and small-scale commercial landscape designs. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

Semester Credits: 3 Lecture Hours: 2 Lab/Clinical/Internship Hours: 2

Required Materials

Textbook:

Landscape Design: A Practical Approach. 5th Edition. ISBN: 013-010581-3.

Other Required Materials:

- 12" –OR– 24" Roll of Trace Paper
- Engineers Scale: 1/10; 1/20; 1/30, etc.
- Architects Scale: ½", ¼", etc.
- Triangles: 30/60 & 45-Degree (combo packs available)
- Rolling Ruler –OR– T-square
- Circle Templates (small & large)
- Sketch Pencil: graphic/sketch packs available –OR– Mechanical Pencils: 0.5 or 0.7 (H or HB lead)
- Disposable Technical Pens: Set of 3 (01, 03 & 05) –OR– Sharpie Fine Point Pen & Sharpie Ultra Fine Point Pen
- Calculator
- Drafting Tape or Dots (masking tape acceptable)
- Eraser
- Assorted Shades of Colored Pencils: greens, blues, grays, tans

Course Outcomes

At the completion of this course, the student should be able to:

- Have a basic knowledge and understanding of Landscape Design Principles
- Have a basic knowledge and understanding of Landscape Design Terminology
- Have a basic knowledge and understanding of Plant Materials, Purpose & Selection
- Have a basic knowledge and understanding of the Landscape Design Process
- Have a basic knowledge and understanding of Drafting & Rendering Techniques
- Have a basic knowledge and understanding of Client Presentation Techniques
- Create a Landscape Master Plan & Verbal Presentation

Topical Description

Class Number	Lecture Topics:	Lab Exercises:
Week 1	Introduction to Landscape & Garden Design	Exercise #1 – The Good, The Bad & The Ugly
Week 2	Chapter 1: Introduction to Today's Landscaping	Exercise #2 – Reading Engineering & Architectural Scales Exercise #3 – Lettering Exercise #4 – Landscape Symbols
Week 3	Chapter 2: Design Analysis	Exercise #5 - Brainstorm Questions for Client Interviews Exercise #6 – Base Mapping Exercise #7 – Site Analysis Graphics
Week 4	Site Reconnaissance for Landscape Master Plan Project	Exercise #8 –Site Inventory Exercise #9 –Site Analysis
Week 5	Chapter 3: Areas & Circulation	Exercise #10 – Design Program Exercise #11 – Bubble & Land Use Diagrams
Week 6	Chapter 4: Studying the Landforms Chapter 5: Planning the Alteration of Landforms	Exercise #12 – Reading & Measuring Landform & Topography
Week 7	Chapter 6: The Walls & Ceiling Chapter 10: Covering The Ground	Exercise #13 – Hardscape Rendering Techniques Exercise #14 – Plant Symbol Rendering Techniques
Week 8	Chapter 7: Principles of Planting Design	Exercise #15 - Conceptual Planting Plan for Front Yard
Week 9	Chapter 8: Plantings & Architecture	Field Trip to Local Nursery
Week 10	Chapter 9: Matching Plant Materials to Design Criteria	Exercise #16 - Conceptual Planting Plan for Back Yard Exercise #17: Assigning Plants & Materials
Week 11	Chapter 11: Embellishments	Landscape Master Plan Project Work Session
Week 12	Planting Schedule, Details & Notes Overview	Exercise #18 – Planting Schedule
Week 13	Color Rendering Techniques Presentation	Exercise #19 – Color Rendering Techniques
Week 14	Master Plan Presentations	Master Plan Presentations
Week 15	Chapter 12: Special Landscape Problems: Business & Rental Properties	Exercise #20 - Conceptual Planting Plan for Business Entrance
Week 16	Final Exam	

Notes to Instructors

Testing Information:

Quiz #1 – Chapters 1-3

Quiz #2 – Chapters 4-11

Final Exam – Cumulative, Chapters 1-12

Project Requirements:

Planting Design Seminar Project:

Students will become an “expert” on a selected topic relating to the practice of landscape design and relate that information in an oral presentation to their peers.

Work Product: Power Point Presentation

Landscape Master Plan Project:

Students will create a landscape master plan for a client that addresses the client’s wants and needs for their residence and then relate that information in an oral presentation to their client and peers.

Work Product: Landscape Master Plan Drawing & Oral Presentation