

WEST VALLEY COLLEGE
Course Outline

Department: Architecture

Course Number and Title: ARCH 074 - Landscape Design I

Length of course in weeks: 16

Units: 3

Total Class Hours/Week: 5

Lecture Hours/Week: 2

Lab Hours/Week: 3

Grade Type: Grade/Credit/No Credit

Catalog Description: This course is an intermediate level landscape architectural design studio. Students have opportunities to study environmental and visual phenomena through landscape architectural design exercises. The theories of site design and problem solving methodologies are introduced and used as a basis for the design process.

Schedule Description: This course is an intermediate level landscape architectural design studio.

Recommended Preparation:

MATH 103: Elementary Algebra or

MATH 103R: Elementary Algebra

Course Outcomes: Student Learning Outcomes

1. **Outcome:** Students will be able to critically evaluate natural and human-made forms.
Assessment: Student evaluations of their own work and the work of others in the field.
2. **Outcome:** Students will design basic landscape projects that demonstrate skills appropriate to design concepts.
Assessment: Presentation of final landscape project.

Course Objectives: Upon completion of this course the student should be able to:

1. Identify the basic principles of site analysis.
2. Apply various elements of the physical and social aspects of the site.
3. Develop design program and coordination with allied professions.
4. Relate possible design solutions to site construction problem.
5. Identify various materials used in landscape construction.

Assessment: Students in this course will be graded base on the following four categories:

- 1. Writing Assignments:** written description of projects
- 2. Problem Solving Demonstrations:** quizzes and homework problems
- 3. Skill Demonstrations:** class and exam performances
- 4. Examinations:** multiple choice, true/false, and matching items

Repeatability: 1 time

Methods of Instruction: Lecture & Lab

Lecture Content:

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|-----------------------------|---------|
| 1. The Human Habitat | 5.00 % |
| 2. Climate | 5.00 % |
| 3. Land | 5.00 % |
| 4. Water | 4.00 % |
| 5. Vegetation | 4.00 % |
| 6. Landscape Character | 5.00 % |
| 7. Topography | 5.00 % |
| 8. Site Planning | 10.00 % |
| 9. Landscape Planting | 5.00 % |
| 10. Site Volumes | 4.00 % |
| 11. Visible Landscape | 5.00 % |
| 12. Circulation | 5.00 % |
| 13. Structures | 5.00 % |
| 14. Habitations | 5.00 % |
| 15. Community Planning | 4.00 % |
| 16. Urban Design | 5.00 % |
| 17. Growth Management | 4.00 % |
| 18. The Regional Landscape | 5.00 % |
| 19. The Planned Environment | 5.00 % |
| 20. Perspective | 5.00 % |

Lab Content:

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|--|---------|
| 1. Site analysis and design projects focused on effectiveness and responsiveness to a given design program and site. | 50.00 % |
| 2. Communicating design solutions through graphic, written, and oral form. | 50.00 % |

Critical Thinking: Analyze a given site and develop a suitable landscape solution by selecting materials suitable to the project's environment.

College Level Required Reading, Writing, and other Outside-of-Class Assignments:

Over a 16 week presentation of the course, three hours per week are required for each unit of credit. Two hours of independent work done out of class are required for each hour of lecture. Outside of the regular class time the students in this class will be doing the following outside of class:

- **Problem solving activity or exercise:** 1.00 additional hour
- **Practice Skills:** 1.00 additional hour
- **Study:** 2.00 additional hours

Textbook:

Simonds, John O. Landscape Architecture: A Manual of Site Planning and Design. 4th ed. McGraw-Hill , 2006. ISBN: 9780071461207