



LHO122 - Residential Landscape Design I

Document Type: District Master Course Outline
Proposal Type: Revision
Requester(s): Robert Glatt Aaron Burman Sarah Skamser
College: South
Origination Approved: 04/16/2014 - 3:32 PM

BASIC INFORMATION

Requester(s): Robert Glatt
Aaron Burman
Sarah Skamser

College: South Seattle Community College

Division/Dept: Professional Technical

Dean: Robert Glatt

Peer Reviewer(s): Van M Bobbitt
Steve Hilderbrand

COURSE INFORMATION

Proposed Course Number:

Prefix: **LHO** Number: **122**

- Request a new Prefix
 This will be a common course

Full Title: Residential Landscape Design I

Abbreviated Title: Landscape Design I

Catalog Course Description:

Gain a conceptual foundation in manual drafting and design, an overview of tools, elements, computer assisted design software, and the process for residential landscape design. Fundamental skills including horticultural graphics, survey, measurement, and analysis of site and environmental field conditions, and development of an accurate scaled plot plan and base map.

Course Length: 11 Weeks Request an Exception

Course Prerequisite(s):

None

Course Corequisite(s):

None

Topical Outline:

- I. Orientation, studio safety, tools and supplies 2
- II. Introduce design problems & process 3
Introduce ecological design program

III. theory	2
IV. Survey of landscape through history	2
V. Principals and elements of design	8
VI. Overview of Computer Aided Design	4
VII. Drafting & drawings – sheet layout	3
VIII. Site measurement	3
IX. Site inventory and client evaluation	6
X. Residential design form and style	12
XI. Presentation techniques	3
XII. Drawing elevation and plan conversion	6
XIII. Residential conceptual diagrams	12
Total	66

COURSE CODING

Funding Source: 1.....State

Institutional Intent: 21.....Vocational Preparatory

This Course is a requirement for the following program(s):
(No Programs Selected)

My Course Proposal is a requirement for a program not on this list
Program Title/Description/Notes:
Revised course for one year LHO certificate, "Track A. Landscape Design and Construction"

Will this course transfer to a 4-year university? **No**

Is this course designed for Limited English Proficiency? **No**

Is this course designed for Academic Disadvantaged? **No**

Does this course have a Workplace Training component? **No**

CIP Code: 01.0601 Request Specific CIP Code

EPC Code: 135 Request Specific EPC Code

Credits:

Will this course be offered as Variable Credit? No
No

List Course Contact Hours

Lecture (11 Contact Hours : 1 Credit)	44
Lab (22 Contact Hours : 1 Credit)	22
Clinical Work (33 Contact Hours : 1 Credit)	0
Other (55 Contact Hours : 1 Credit)	0
Total Contact Hours	66

COLLEGE SUPPLEMENTAL

Proposed Quarter of Implementation:

Request Provisional Exception

Class Capacity: 20

Modes of Delivery: (Check all that apply)

- Fully On Campus
 - Fully Online
 - Hybrid
 - Other Explanation:
-

Class Schedule Description:

Gain a conceptual foundation in manual drafting and design, an overview of tools, elements, computer assisted design software, and the process for residential landscape design. Fundamental skills including horticultural graphics, survey, measurement, and analysis of site and environmental field conditions, and development of an accurate scaled plot plan and base map.

Student Learning Outcomes:

Communication

Read and listen actively to learn and communicate

Active speaking and listening will be stressed within the studio and client dialogs.

Speak and write effectively for academic and career purposes

Correct written communication will be stressed within the design studio and dialog with client.

Computation

Use arithmetic and other basic mathematical operations as required by program of study

Use math for site measurement, to draw and layout plot plans, and design landscapes plans.

Human Relations

Use social interactive skills to work in groups effectively

Use interactive skills to gather client information that will assist in the development of client specific designs.

Have knowledge of the diverse cultures represented in our multicultural society

Use interactive skills to complete group projects.

Critical Thinking and Problem-Solving

Think critically in evaluating information, solving problems, and making decisions

Lateral thinking, inductive, deductive, and abductive reasoning will be applied to the problem solving processes and applied to landscape design.

Technology

Select and use appropriate technological tools for academic and career tasks

Use industry standard tools and technology for developing site plans and landscape planting designs.

Information Literacy

Independently access, evaluate and select information from a variety of appropriate sources

Search, collect, and organize information from multiple sources in digital, textual, and verbal forms that will contribute to the development of landscape designs, personal growth, and vocational improvement.

Program Outcomes:

Included in Course Outcome Number	Landscape Design and Construction Certificate Program Outcomes
4	1. Demonstrate ability to work with site requirements, installation contractors, clients, and maintenance personnel to accomplish project within prescribed time, resources, and budgets. (SLO 1.1, 2.1, 3.1, 3.2, 4.1, 6.2, 6.4, 6.5, 7.1)
	2. Recognize, identify, and operate work site safety practices, environmental protection, workplace standards, work ethics, and leadership skills. (SLO 1.2, 3.1, 3.2, 6.1, 6.4, 6.5)
2, 3, 4, 5, 6, 7, 8	3. Prepare and generate required plans and documents for customers, co-workers, suppliers, and general public and effectively communicate desired outcomes and actions. (SLO 1.2, 2.3, 3.1, 3.2, 5.1)
8	4. Describe and outline career opportunities, pathways, and requirements for entry and advancement within the field. (SLO 1.2, 4.1, 5.1, 6.2, 6.3, 7.2)
1, 2, 4, 5, 6	5. Describe and demonstrate skills in use of equipment, tools, environmental controls, and computers. (SLO 1.2, 5.1, 6.2, 6.4, 6.5)

Included in Course Outcome Number	Landscape Design and Construction Degree (AAS, AAS-T) Program Outcomes
4, 5, 6, 7	6. Create and develop a plan after conferring with client and assessing the client and site needs, and demonstrate critical thinking skills to reconstruct or modify design according to environmental and human resources, codes or regulations, and or budgetary concerns. (SLO 1.2, 2.3, 3.1, 3.2, 4.1, 5.1, 6.2, 6.5, 7.2)
	7. Plan progression and determine cost to construct hardscape and install plants according to plan. (SLO 1.2, 2.2, 2.3, 4.1, 5.1, 6.4, 6.5)
	8. Demonstrate ability to analyze a given site, develop a maintenance schedule and plan, identify and solve problems, and estimate to manage for cost efficiency. (SLO 1.2, 2.2, 2.3, 4.1, 5.1, 6.5,7.2)
	9. Discuss and practice sound business practices as it relates to planning operations, budgets, personnel, customer service, and sales and marketing. (SLO 1.1, 1.2, 2.3, 3.1, 3.2, 4.1, 5.1, 6.1, 6.4,

6.5, 7.2)

Course Outcomes / Objectives:

1. Demonstrate the proper use of drafting tools and common drafting supplies.
 2. Demonstrate graphic skills to produce neat and legible graphic communications.
 3. Evaluate and determine proper scale selection to best communicate the design intent.
 4. Be able to collect on-site measurements, field notes and client information allowing the generation of an accurate complete base map and plot plan.
 5. Draw neat accurate diagrammatic elevations at a level of complexity needed to assist in the development and communication of their design intent through the functional diagram stage of design.
 6. Prepare an accurate plot plan with standard sheet information.
 7. Prepare multiple and varied spatial arrangements based on client information.
 8. Demonstrate proper presentation techniques.
-

Explain the student demand for the course and potential enrollment:

Course revisions, for existing Landscape Design and Construction Certificate pathway.

Explain why this course is being revised:

Reorganizing Design and Construction Track A Certificate scope and sequence to reflect industry standards.

What challenges, if any, do you foresee in offering this course:

None

This is to certify that the above criteria have all been met and all statements are accurate to the best of my knowledge.

Faculty involved in originating this program:

Robert Glatt Print Name	<i>Robert Glatt</i> Signature	1/1/0001 Date
Aaron Burman Print Name	<i>Aaron Burman</i> Signature	1/1/0001 Date
Sarah Skamser Print Name	<i>Sarah Skamser</i> Signature	1/1/0001 Date

Dean:

Robert Glatt Print Name	<i>Robert Glatt</i> Signature	10/14/2013 Date
----------------------------	----------------------------------	--------------------

Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

- Recommended for approval
- Not recommended for approval

Chairman, Curriculum Coordinating Council:

Diane Schmidt Print Name	<i>Diane Schmidt</i> Signature	3/11/2014 Date
-----------------------------	-----------------------------------	-------------------

Vice President for Instruction:

Donna Miller-Parker Print Name	<i>Donna Miller-Parker</i> Signature	4/16/2014 Date
-----------------------------------	-----------------------------------------	-------------------