LHO119 - Native Plants For Northwest Landscapes

Document Type: District Master Course Outline
Proposal Type: Revision
Requester(s): Robert Glatt,
Van M Bobbitt
College: South
Origination Approved: 04/16/2014 - 3:30 PM

BASIC INFORMATION

Requester(s): Robert Glatt,
Van M Bobbitt
College: South Seattle Community College
Division/Dept: Professional Technical
Dean: Robert Glatt
Peer Reviewer(s): Aaron Burman,
Steve Hilderbrand,
Sarah Skamser

COURSE INFORMATION

Proposed Course Number:
Prefix: LHO   Number: 119

Request a new Prefix
This will be a common course

Full Title: Native Plants For Northwest Landscapes
Abbreviated Title: Native Plants For NW Lnd

Catalog Course Description:
Identify and properly use native plants in Pacific Northwest landscapes: plant culture, native plants in urban landscapes, native plant revegetation, and plant ecology. Recommended for Success: LHO 150.

Course Length: 11 Weeks
Request an Exception

Course Prerequisite(s):
None, Recommended for Success: LHO 150.

Course Corequisite(s):
None

Topical Outline:

I. Basic information about native plants, plant ecology, classification schemes, and native plant usage 6
II. Plant identification and taxonomy 20
III. Field trips to native plant natural areas, landscapes and revegetation sites 12
IV. Field Work (e.g., site analysis, planting plans, planting and establishment of native plants) 6

Total 44

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:
 One year LHO certificate (all Tracks), AAS, AAS-T

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

List Course Contact Hours

Lecture (11 Contact Hours : 1 Credit) 22
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 44
Total Credits 3

COLLEGE SUPPLEMENTAL

Proposed Quarter of Implementation: ☐ Request Provisional Exception

Class Capacity: 25
Modes of Delivery: (Check all that apply)
- [x] Fully On Campus
- [ ] Fully Online
- [ ] Hybrid
- [ ] Other

Explanation:

Class Schedule Description:
Identify and properly use native plants in Pacific Northwest landscapes: plant culture, native plants in urban landscapes, native plant revegetation, and plant ecology. Recommended for success; LHO 150 suggested.

Student Learning Outcomes:

Critical Thinking and Problem-Solving
Think critically in evaluating information, solving problems, and making decisions
- Use critical thinking and problem solving skills to evaluate information and make decisions regarding the appropriate use of native plants.

Personal Responsibility
Attend class regularly, complete assignments on time and effectively participate in classroom and online discussions, group work and other class-related projects and activities
- Be motivated to continue educating oneself about native plants and how they can be used for environmental enhancement.

Information Literacy
 Independently access, evaluate and select information from a variety of appropriate sources
- Access and evaluate information about native plants and revegetation issues from a variety of sources: journals, books, public and private agencies, websites, and local authorities.

Program Outcomes:

<table>
<thead>
<tr>
<th>Included in Course Outcome Number</th>
<th>Landscape Design and Construction Certificate Program Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 2, 3, 4</td>
<td>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)</td>
</tr>
<tr>
<td>1, 2, 3, 4, 12</td>
<td>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)</td>
</tr>
<tr>
<td></td>
<td>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)</td>
</tr>
<tr>
<td></td>
<td>4. Describe and outline career opportunities, pathways, and requirements for</td>
</tr>
</tbody>
</table>

Page 3 of 6
Native Plants For Northwest Landscapes (District MCO)

<table>
<thead>
<tr>
<th>Included in Course Outcome Number</th>
<th>Landscaping Design and Construction Degree (AAS, AAS-T) Program Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12</td>
<td>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)</td>
</tr>
<tr>
<td>1, 2, 3, 4, 12</td>
<td>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)</td>
</tr>
<tr>
<td>1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12</td>
<td>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)</td>
</tr>
<tr>
<td>3, 4</td>
<td>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)</td>
</tr>
</tbody>
</table>

Course Outcomes / Objectives:

1. Identify approximately 100 native plants.
2. Describe the growth habits, cultural requirements, ecological relationships, major pest and cultural problems, and appropriate landscape uses of the plant materials studied.
3. Recommend appropriate plants (from those covered in the course) when given specific landscape situations with varying cultural, aesthetic, and physical requirements.
4. Cite examples of suitable plant selection for the sustainability and economic viability of a landscape.
5. Demonstrate ability to use a botanical key to identify plants.
6. Compare various definitions of the term “native plant.”
7. Explain reasons for landscaping with native plants.
8. Describe several native plant “myths.”
9. Cite examples of the basic principles of plant ecology.
10. Apply common classification schemes for native vegetation.
11. Access a variety of information sources (books, web sites, journals, organizations, etc.) relating to native plants and their use.
12. Recall the common and scientific names of the plants studied.

Explain the student demand for the course and potential enrollment:

Class is currently offered once a year, not a new course.

Explain why this course is being revised:

Not a new course, populating the ACA course inventory.
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:

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Glatt</td>
<td>Robert Glatt</td>
<td>1/1/0001</td>
</tr>
<tr>
<td>Van M Bobbitt</td>
<td>Van M Bobbitt</td>
<td>1/1/0001</td>
</tr>
</tbody>
</table>

Dean:

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Glatt</td>
<td>Robert Glatt</td>
<td>10/14/2013</td>
</tr>
</tbody>
</table>

Results of SSCC Curriculum Coordinating Council Findings

Participating Faculty Response and Remarks

- [X] Recommended for approval
- [ ] Not recommended for approval

Chairman, Curriculum Coordinating Council:

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diane Schmidt</td>
<td>Diane Schmidt</td>
<td>3/11/2014</td>
</tr>
</tbody>
</table>

Vice President for Instruction:

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donna Miller-Parker</td>
<td>Donna Miller-Parker</td>
<td>4/16/2014</td>
</tr>
</tbody>
</table>