

COURSE OUTLINE

Original: V. Bobbitt, February 2011

DEPARTMENT:	Hospitality and Service Occupations
CURRICULUM:	Landscape and Environmental Horticulture
COURSE TITLE:	ECOLOGICAL RESTORATION: AN INTRODUCTION
COURSE NUMBER:	LHO 240
TYPE OF COURSE:	Professional Technical
COURSE LENGTH:	1 Quarter
CREDIT HOURS:	3
LECTURE HOURS:	33
LAB HOURS:	0
CLASS SIZE:	30
PREREQUISITES:	None

Course Description:

Explore the field of ecological restoration, especially as it applies to horticulturists attempting to repair damaged landscapes. This class will investigate the science and the practice of restoration through meetings with restoration practitioners, visits to restoration sites, reading and discussion, and service learning.

Student Learning Outcomes Addressed:

1. Communication—Speak and write effectively about the science and practice of ecological restoration
2. Critical Thinking and Problem Solving—Use critical thinking and problem solving skills to evaluate information and make decisions regarding the planning, implementation and maintenance of restoration projects.
3. Information Literacy—Access and become familiar with a variety of reference materials (print and electronic) related to restoration ecology.

Course Objectives:

At the end of the course the student will:

1. Be able to define ecological restoration
2. Understand basic concepts and principles of restoration ecology
3. Appreciate the complexity of ecological restoration

4. Be aware of the uncertainties and controversies in restoration ecology
5. Be familiar with a variety of information resources (e.g., books, journals, websites, and restoration practitioners) about ecological restoration.
6. Understand broadly the ecological factors that distinguish the Pacific Northwest
7. Be aware of many of the ecosystem types found in our regions
8. Visit, observe, study, and participate in ecological restoration projects in the Seattle area.

Topical Outline:

		<u>Approx. Hours</u>
I.	Introduction to ecological restoration	3
II.	Meet with restoration practitioners and learn about their projects	9
III.	Common PNW eco-systems	6
IV.	Ethical, philosophical, political, and cultural issues related to ecological restoration	4
V.	Planning and implementation of ecological restoration projects	4
VI.	Ecological restoration service learning assignment	3
VII.	Internship/employment opportunities in eco-restoration	1
VIII.	<u>Review, examination, and course evaluation</u>	<u>3</u>
	Total	33

Originated by: Van Bobbitt
Date: February 25, 2011