

Materials II 2023

Arica Duhrkoop-Galas
Mondays, Wednesdays **and Fridays** 10:00–11:50

Prerequisite: Materials I (LA464/564)
4 Credits

Materials II is the second class in the Materials sequence. This quarter we pair grading and drainage with topographical influences on plant communities. Plant identification in winter quarter focuses on evergreens– the conifers and broad leaf evergreen shrubs, grasses and ferns. The emphasis this term will be on developing planting design concepts, vocabulary, and skills.

The Schedule:

Monday		Wednesday		Friday
1/9 Introduction + plants Local Natives, part I	11	plants Local Natives, part II	13	Lecture - Western Oregon Transect
16 MLK Day no class	18	Introduction to grading	20	plants Taxus & Opp-leaved Shrubs Journal #1 review
23 Grading workshop 1	25	plants Evergreen Shrubs	27	Lecture – Space Creation Workshop - Rooms Journal #2 review
30 Grading workshop 2	2/1	plants Winter Flowering	3	Plant ID Test #1
6 no class Grading packet 1 due Watch: model building	8	plants workshop winter interest Guest: Lorrie Zeller	10	Shadow Mentor Day ?? no class
13 Grading workshop 3 Grading redlines 1 due	15	plants Grasses & grass like	17	Lecture – Seasonality Workshop – Palettes, Models
20 plants Late Winter Flowering	22	plants Evergreen Groundcovers	24	Review – Concept, Model & Palette
27 Grading workshop 4 Grading packet 2 due	3/1	plants Pines & Assorted Conifers	3	Review – Design
6 Grading workshop 5 Grading redlines 2 due	8	plants Shrubby Conifers & Ferns	10	Plant ID Test #2
13	R E V I E W W E E K - N O C L A S S			
20	F I N A L S W E E K - N O C L A S S			

If you have a documented learning disability and anticipate needing accommodations in this course, please make arrangements to meet with me during week 1 or 2. Please request that the Counselor for Students with Disabilities send a letter verifying your disability.

Class Expectations: Students are expected to attend all classes and arrive promptly. Every student should participate in class discussions and reviews and turn in assignments on time.

Learning Outcomes: Students will be well-practiced with common grading and slope calculations and concepts as well as be able to review and redline a grading plan.

By the end of the term, students will be able to identify and botanically name an additional 136 native and ornamental evergreen trees, shrubs, grasses and ferns; incorporating Fall plant knowledge. Students will understand the climatic and topographical influences on the native ranges of Oregon's indigenous evergreens.

The class will focus on learning to identify plants in the field by foliage, fruit, habitat and silhouette. In addition to identification skills, students will gain an understanding of cultural requirements of the plants and design attributes. Students will practice illustrative planting design with consideration for creation of spaces, definition of edges and entries, plant qualities and seasonal sequencing. Journal assignments will continue with close observation of needles, scales, and cones.

Grades: Grades will be based on two grading packets, two redline sets, two journal assignments, two plant ID tests, the planting plan and related elements. **Test scores must average a 69 or better to pass the class.**

The grading scale is:

100 %= A+	90-91= B+	81-82= C+	72-73= D+
94-99= A	85-89= B	76-80= C	67-71= D
92-93= A-	83-84= B-	74-75= C-	65-66= D-
			64 and below= NP

Required books:

The Pacific Northwest Gardener's Book of Lists – Ray & Jan McNeilan

Sunset's New Western Garden Book

Recommended books: These titles have been ordered at the bookstore. They are useful, but not required.

Trees and Shrubs for Pacific Northwest Gardens 2nd edition - John Grant and Carol Grant

The Encyclopedia of Grasses for Livable Landscapes - Rick Darke

Professional Planting Design - Scott Scarfone

Planting Design Handbook - Nick Robinson

Plan Graphics for the Landscape Designer - Bertauski

Optional books: Some of these titles have been ordered at the bookstore for you, while others may be out of print but are worth finding online.

Gossler Guide to Best Hardy Shrubs - Eric and Marjorie Gossler

The Garden in Winter - Rosemary Verey

The World of Northern Evergreens - E.C. Pielou

Form and Fabric in Landscape Architecture, A Visual Introduction - Catherine Dee

Plant-Driven Design - Scott Ogden & Lauren Springer Ogden

Planting Design, Gardens in Time and Space - Piet Oudolf and Noel Kingsbury

Gardening with Grasses - Michael King and Piet Oudolf

Winter Tree Finder - May Watts

Latin for Gardeners - Lorraine Harrison