

Technologies II, LA 366

Spring 2015

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Tuesdays and Thursdays, 10:00-11:50

Prerequisite: Tech I, LA 362
4 Credits

This course explores landscape materials, aesthetic and engineering properties, and basic structures while developing graphic skills relevant to the design process – from schematic concept to communication of design intent to construction documentation.

The Schedule:

Tuesday	Thursday
3.31 Introduction & Journaling	4.02 Detail mechanics & Lettering
4.07 Soils & Engineering Assign 1 due: pictures	4.09 Foundations & Connections
4.14 Wood QUIZ	4.16 Masonry: Stone
4.21 Masonry: Brick Assign 2 due: stone masonry	4.23 Masonry: Concrete
4.28 Concrete & Asphalt Assign 3 due: brick/conc. masonry	4.30 Metal, Glass, Plastic
5.05 MIDTERM EXAM	5.07 Stairs, Ramps, Curbs
5.12 Walls Assign 4 due: stairs	5.14 Fences, Screens
5.21 Wooden structures Assign 5 due: fences/screens	5.21 Decks, bridges, platforms
5.26 Horticultural bldg. systems Assign 6 due: wooden structures	5.28 Pinup/Final Prep.
6.02 R E V I E W W E E K / N O C L A S S	6.04

FINAL PROJECT DUE 9:50 am, Thursday June 11

Grades: Grades will be based on six journal assignments (120 points), six lettering pages (30 points), a final project (80 points), one quiz (40 points), mid-term exam (60 points).

Required books:

Landscape Architectural Graphic Standards, Leonard J. Hopper, 2007.

Optional books:

Sustainable Landscape Construction: A Guide to Green Building Outdoors, 2nd Ed., J. William Thompson and Kim Sorvig, 2007.

Constructing Landscape: Materials, Techniques, Structural Components, Astrid Zimmerman, 2009.

Additional resources:

Materials for Sustainable Sites, Meg Calkins, 2008.

Graphic Guide to Site Construction, Rob Thallon and Stan Jones, 2003.

Landscape Construction, David Sauter, 2010.

Landscape Architecture Construction, Landphair & Klatt, 1998.

The Greenroof Manual, Snodgrass & McIntyre, 2010.

Timesaver Standards for Landscape Architecture, Charles Harris and Nicholas Dines, 1998.

Learning objectives

Upon completion of the course with a satisfactory grade students will be able to:

- analyze built works through sketchbooks and make inferences about their construction
- understand basic principles of soils and engineering relative to landscape structures
- apply knowledge of building materials and vocabulary to drawing construction details
- specify standard construction methods for typical landscape structures
- properly apply line weights to help clarify detailed materials
- redline details and provide corrections
- hand letter

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