

# LAND225C : Landscape Construction Details and Methods

A survey of the materials used in landscape constructions, the methods used in assembling the materials into the landscape, and the forces acting on the structures. Included are the characteristics and properties of each of the landscape materials and the relative costs of the materials, including installation. Landscape materials and methods to be studied include site work, various paving materials, various structural materials, and site drainage materials. The student will learn how to read and prepare plans showing construction details including walls, walkways, wooden structures, and water features.

**Credits** 3

**Lab/Practicum/Clinical Hours** 2

**Lecture Hours** 2

**Prerequisites**

*Students are required to pass prerequisite courses with a grade of C or higher. Exceptions apply; please consult your department chair.*

LAND112C

**Learning Outcomes**

- Understand how landscape characteristics (soil, drainage, human interaction, natural processes) affect landscape installations.
- Investigate and identify landscape drainage and earthwork solutions for improved site access.
- Recommend and select appropriate landscape hardscape elements, materials, and installation methods.
- Interpret, communicate, and draw landscape construction details.
- Develop construction details for newly developed landscape construction elements.
- Develop cost estimates for landscape installations.