

Greenhouse

Certificate (C253)

Required Courses

Required Discipline Courses (19 credits)

HORT 1104	Plant Science.....	4 cr
HORT 1106	Applied Plant Science Lab.....	2 cr
HORT 1119	Bedding and Tropical Plants.....	4 cr
HORT 1124	Horticulture Lab II.....	1 cr
HORT 1197	Spring Greenhouse.....	4 cr
HORT 2116	Integrated Pest Management.....	4 cr

GRADUATION REQUIREMENT - 19 CREDITS

Description

The Greenhouse Certificate provides comprehensive instruction across key areas of greenhouse management and pest control. Instruction is delivered through a combination of classroom learning and experiential activities. Students engage in hands-on practice within the campus greenhouse, gaining proficiency in plant propagation, cultivation, and maintenance. Emphasis is placed on the identification and use of annuals, perennials, tropical plants, shrubs, and trees in both production and design.

Throughout the program, students participate in industry-relevant experiences such as site visits, guest lectures, and campus-based horticultural projects. These activities foster professional development of current practices and challenges within the field.

Outcomes

By completing this program, students will achieve the following learning outcomes:

- Identify and practice safe use of tools, equipment, and supplies used in horticulture careers;
- Propagate, grow, and maintain plants in horticultural production systems;
- Apply effective communication and interpersonal skills with co-workers, supervisors, suppliers, and customers.

Graduation Requirements

In addition to the program requirements, students must meet the following conditions in order to graduate:

- College Cumulative GPA Requirement: cumulative grade point average (GPA) of credits attempted and completed at CLC must be at least 2.0;
- College Technical Core GPA Requirement: cumulative GPA of credits attempted and completed towards the technical core of the diploma or degree must be at least 2.0;
- Residency Requirement: students must complete 25% of their credits at Central Lakes College.

Career & Transfer

Employment opportunities can be found in greenhouse production.

Courses may transfer to many four-year universities. Students planning to pursue a bachelor's degree are strongly encouraged to consult with an advisor about transfer information for specific four-year universities.

Academic Plan

This is a sample part-time student pathway.

Semester One (10 credits)

HORT 1104	Plant Science.....	4 cr
HORT 1106	Applied Plant Science Lab.....	2 cr
HORT 1119	Bedding and Tropical Plants.....	4 cr

Semester Two (9 credits)

HORT 1124	Horticulture Lab II.....	1 cr
HORT 1197	Spring Greenhouse Production.....	4 cr
HORT 2116	Integrated Pest Management.....	4 cr