MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

DEPT. AGRI   **COURSE NUMBER: 1110**

NUMBER OF CREDITS: 3   **Lecture: 3 Lab: 0 OJT 0**

Course Title:
Introduction to Horticulture

Catalog Description:
Introduction to Horticulture emphasizes the growth process in production of fruits, vegetables, flowers, lawns, trees, and shrubs. Studies include planning, preparation and care of home grounds. Fundamental concepts in plant identification, growth, culture, landscape and design are also studied.

Prerequisites or Necessary Entry Skills/Knowledge:
None

FULFILLS MN TRANSFER CURRICULUM AREA(S)

☐Goal 1: Communication: By meeting the following competencies:

☐Goal 2: Critical Thinking: By meeting the following competencies:

☐Goal 3: Natural Sciences: By meeting the following competencies:

☐Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:

☐Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:

☐Goal 6: The Humanities and Fine Arts: By meeting the following competencies:

☐Goal 7: Human Diversity: By meeting the following competencies:

☐Goal 8: Global Perspective: By meeting the following competencies:

☐Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:

☐Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered
Plant Anatomy and Physiology
Classification of Plants
Plant Propagation
Soils and Soil Fertility
Vegetable Gardening
House Plants
Landscape and Design
Lawns and lawn care
Tree Identification and Care
Indoor and Outdoor Pests

Student Learning Outcomes
Classify plants using botanical classification.
Describe plant parts and their functions.

Describe plant growth processes.
Identify trees, shrubs, house plants, flowers, and vegetables in relationship to our region.
Describe and apply various methods of plant propagation.
Describe lawn establishment and care.
Explain the relationship of plant media and environment for plant growth.
Design a landscape plan.
Identify plant pests and control methods.

Is this course part of a transfer pathway: Yes   ☐   No   ☒

Revised Date: 6/2021