Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. AGRI COURSE NUMBER: 1110

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

<table>
<thead>
<tr>
<th>Course Title:</th>
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<tr>
<td>Introduction to Horticulture</td>
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<tr>
<th>Catalog Description:</th>
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<td>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</td>
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<tr>
<th>Prerequisites or Necessary Entry Skills/Knowledge:</th>
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<td>None</td>
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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: 7-15-2020