Faculty 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 Collegewide Curriculum Committee.

DEPT.: AGRI                    COURSE NO.: 1110

NUMBER OF CREDITS: 3

COURSE TITLE: Introduction to Horticulture

CATALOG DESCRIPTION: 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.

AUDIENCE: Post secondary students majoring in Agriculture or Horticulture or students interested in enhancing their horticulture knowledge.

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: None

LENGTH OF COURSE: One semester

THIS COURSE IS USUALLY OFFERED:
Every other year fall ☐ spring x ☐ summer ☐ undetermined ☐

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT:
   A. Students will understand the processes of plant growth, and the relationship to horticultural sciences.
   B. Students will learn to identify practical plants that the region provides for.
   C. Students will submit plans in relationship to home improvement and steps taken to complete project.
   D. Students will be able to describe and practice the current methods of plant propagation.
   E. Students will be able to describe the steps to lawn establishment and care.
   F. Students will understand the soil relationship and the utilization of different potting media and fertilizers used in horticulture.
   G. Students will develop a working knowledge of our greenhouse and its controls.

2) THINKING SKILLS:
   A. Researching and preparing proposal
   B. Application of principles and practices of horticulture
3) COMMUNICATIONS SKILLS:
   Students will prepare written proposals or plans to design or landscape a home or business. Oral presentations will follow once plans are accepted.

4) HUMAN DIVERSITY:
   Recognize the difference of horticulture crops and the role of them throughout the world.

TOPICS TO BE COVERED:
   Growth processes and the production and maintenance of fruits, vegetables, flowers, lawns, trees, and shrubs.

LIST OF EXPECTED COURSE OUTCOMES: See above under goals

LEARNING/TEACHING TECHNIQUES used in the course are:
- Collaborative Learning
- Student Presentations
- Creative Projects
- Lecture
- Demonstrations
- Lab
- Problem Solving
- Interactive Lectures
- Individual Coaching
- Films/Videos/Slides
- Other (describe below)

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:
- Reading
- Oral Presentations
- Textbook Problems
- Group Problems
- Other (describe below)
- Tests
- Worksheets
- Papers
- Portfolio
- Individual Projects
- Collaborative Projects
- Term Paper

EXPECTED STUDENT LEARNING OUTCOMES:

GRADING:
   A = 90% and up
   B = 80-89%
   C = 70-79%
   D = 60-69%
   F = Below 60%

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

The information in this course outline is subject to revision
To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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