Wayne County Community College District

COURSE SYLLABUS

FM 105   Grounds Maintenance

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:
This course covers the maintenance of lawns and gardens, the mowing of lawns and grassy trees, the selection and use of proper fertilizers, irrigation of grounds, maintaining lawn and garden equipment, installing irrigation systems, and building and install fencing. Also the removal of snow and ice, plowing below snow, scraping ice, spreading chemical/ice melters, clearing storm drains. The cleaning of outside areas: removing litter, sweeping/vacuuming entrances, cleaning outside of the building, the repair & installation of outside signs and the setup of seasonal displays/decorations will be covered.

PREREQUISITES: *NONE*

EXPECTED COMPETENCIES:
Upon successful completion of this course, the student will:
- □   Understand the fundamental concepts of grounds maintenance
- □   Understand and demonstrate basic safety precautions in handling chemicals and chemical application equipment of all kinds
- □   Understanding different units of measurements and weight as applicable to grounds maintenance
- □   Understand cost / benefit analysis and its use
- □   Be able to determine area and volume measurements
- □   Understand basic building codes related to exterior maintenance of commercial and/or residential buildings
- □   List and discuss components of sprinkler systems and show competency in basic irrigation repair
- □   Demonstrate the proper use of hand tools.
- □   Understand the steps for winterization of irrigation system
- □   Understand plant and lawn maintenance, including fertilization, watering practices, aeration, etc.
- □   Understand snow removal procedures and the limitation of landscape damage

ASSESSMENT METHODS:
Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:
90%-100% = A
80%-89.9%= B
70%-79.9%= C
60%-69.9%= D
<60% = E