Wayne County Community College District

COURSE SYLLABUS

CIS 210   Introduction to Operating Systems

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:
This course introduces the learner to commonly used operating systems such as LINUX, Windows and MAC OS X. The architecture, features and functions of operating systems and the tools used in their administration are presented. Topics such as operating system organization, text editors, file systems and networking will be covered as they apply to each operating system. The use of tools to administer an operating system will be compared across platforms. GUI and command line interfaces will be utilized.

PREREQUISITE: *CIS 110*

EXPECTED COMPETENCIES:
Upon successful completion of this course, the student will:

1. Describe common operating system architecture
2. Familiarize himself/herself with the purpose and use of an operating system
3. Know the difference between proprietary and open source software and operating systems
4. Utilize OS utilities across various platforms
5. Be conversant in the use of virtualization of operating systems
6. Deploy operating systems in single platform and virtual environments
7. Know about common tools that can be used in common across operating systems
8. Manage operating system processes
9. Manage Common Administrative Tasks and File system
10. Work with both GUI and command line interfaces in
    o   Windows
    o   LINUX
    o   OS X (Macintosh)

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