Wayne County Community College District

COURSE SYLLABUS

CIS 110   Introduction to Computer Information Systems

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:
This course introduces students to modern information systems and how these systems are used in organizations. The focus is on the key components of information systems--people, software, hardware, data and communication technologies--and how these components can be integrated and managed to create competitive advantage. The course also provides an introduction to systems development concepts, various types of application software, and other types of information technologies that have become prevalent or are emerging in organizations and society.

PREREQUISITE: *CIS 110, CIS 240*

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

- Students will identify common systems used in organizations and learn the definition of an information system
- Explore information technology tools that enable information systems and services
- Examine the components found in a computer such as memory, CPUs, data storage, op systems, and device types
- Explore networking and cyber security
- Explore application development and the associated platforms such as Google Android and Apple iOS
- Explore emerging technologies in hardware, software, and platforms.
- Examine the existing and emerging roles in the industry such as software developers, sy administrators, IT architects, business analyst, and chief digital officers.
- Review key vendors/companies in the IT industry and explore their products/services
- Take part in at least one event (field trip, a guest lecturer, etc.) that will allow students to industry perspective

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