Wayne County Community College District

COURSE SYLLABUS

CIS 200   PYTHON PROGRAMMING LANGUAGE

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:
This course covers core programming basics— such as data types, control structures (selection and repetition), algorithm development, and functions—using the Python programming language. In addition, the fundamental principles of Object-Oriented Programming are discussed. Students will solve problems, explore the application of software development challenges, and create practical applications.

PREREQUISITE: CIS 112

EXPECTED COMPETENCIES:
Upon successful completion of this course, the student will be able to:
- Write and modify Python programs for applications in a variety of disciplines such as science, engineering, and health information.
- Write the solution of a problem using the basic construct of the Python programming language, such as assignment, repetition, and selection.
- Write code to input, process, and output large amounts of data to meaningful and useful output.

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