



Wayne County Community College District

COURSE SYLLABUS

CIS 209 C Programming Language

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:

This course is designed to develop an understanding of the C programming language. C is a general purpose programming language widely used in both systems programming and application programming. Student will solve programming assignments using C what is a programming known for its brevity of expression, modern control flow and data structures, and a rich set of operators.

PREREQUISITES: *CIS 110, CIS 112*

EXPECTED COMPETENCIES:

Upon completion of this course, the student will:

1. Demonstrate the use of control statement.
2. Demonstrate the use of functions.
3. Demonstrate the use of arrays and pointers.
4. Demonstrate the use of characters and strings.
5. Demonstrate the use of formatted I/O and files.
6. Demonstrate the use of structures and unions.
7. Demonstrate bit manipulation.
8. Demonstrate enumeration.
9. Create data structures.
10. Demonstrate the use of the preprocessor.

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