Course Syllabus
Wayne County Community College District
CIS 209 C Programming Language

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:

Prereq: CIS 112
This course is designed to develop an understanding of the C programming language. Students will use microcomputers to solve programming assignments which practice syntax structured style and documentation. C programming language is widely used in both systems programming and applications programming and is used in writing a significant percentage of commercial software for mini and microcomputers.

EXPECTED COMPETENCIES

Upon successful completion of this course, the student will:
1. Demonstrate the use of control statements
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 reports, group discussion, written reports or 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