Department:

Computer Support Technology

Course Description:

This course is designed as an introduction to personal computer technology. The course will examine basic computer concepts, history of computers, terminology associated with computer technology, and basic hardware troubleshooting.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Describe the history of computers and microcomputers
2. Identify and explain computer terms and acronyms
3. Explore current technologies
4. Explore various operating systems and applications
5. Discuss computer hardware and software

Course Content:

A. Introduction to Computers
B. The Internet and World Wide Web
C. Application Software
D. The Components of the System Unity
E. Input
F. Output
G. Storage
H. Operating Systems and Utility Programs
I. Communications and Networks
J. Database Management
K. Computer Security and Safety, Ethics, and Privacy
L. Information System Development
M. Programming Languages and Program Development
N. Enterprise Computing
O. Computer Careers and Certification

Learning Assessments:

Competencies will be assessed by assignments, case problems, quizzes, chapter tests, hands-on projects, lab assignments, a midterm test, and a final test. Exams may be in the objective or problem solving format.
Instructional Materials:


Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

On-Campus Students: At enrollment, any on campus student may complete a form that will allow them to self-identify any disability.

Off-Campus Regional Students: Self-identify your disability and accommodation needs with the Regional Coordinator and/or instructor, preferably prior to the first class meeting.

Online Students: Self-identify your disability and accommodation needs by contacting the Disabilities Coordinator. Students must provide their own programs to allow accessibility on their home computer.

Any student may also identify their disability by completing an online form located on the HCC homepage under Students Services/Resources/Disabilities. Questions should be directed to the Disabilities Coordinator.