

# Inver Hills Community College

## ITC 1400: IT Fundamentals

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Examines the foundational concepts of information technology including identifying and explaining computer components, installing software, establishing network connectivity and preventing security risks. This course assists students in preparing for the CompTIA IT Fundamentals certification.

**B. COURSE EFFECTIVE DATES:** 08/25/2014 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Technology and Computer Hardware Basics - 40%
2. Compatibility Issues and Common Errors - 13%
3. Software Installation and Functions - 11%
4. Security - 16%
5. Green IT and Preventative Maintenance - 20%

### D. LEARNING OUTCOMES (General)

1. Identify basic IT vocabulary.
2. Explain the characteristics and functions of internal and external storage devices.
3. Explain the characteristics and functions of peripheral devices.
4. Explain the characteristics and functions of core input devices.
5. Identify the risks associated with upgrading OS and equipment.
6. Demonstrate the ability to set up a basic PC workstation.
7. Identify Compatibility Issues and Common Errors of software and hardware.
8. Identify OS system editions.
9. Explain installation types.
10. Apply application installations.
11. Remove malicious software.
12. Recognize basic security risks and procedures to prevent them.
13. Demonstrate file and print sharing.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted