Alexandria Technical and Community College

ITEC 1430: Introduction to Computers

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 3
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course introduces the components of a personal computer, computer terminology, the internet, email, and the creation of documents, presentations, worksheets, and databases through hands-on experience with the Microsoft Windows operating system and the Microsoft Office Suite (Word, PowerPoint, Excel, Access, and Outlook). This course is designed as a general education course for all learners, regardless of their career choice. This course enhances the learner's knowledge and understanding of computers and their awareness of how computers impact their lives. Required software: Windows 7 or higher and Microsoft Office Professional 2016. Prerequisite: Keyboard proficiency is recommended.

B. COURSE EFFECTIVE DATES: 05/20/2002 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Identify computer components, including input, output, communication, storage, networks, application software, and system software.
2. Practice file management.
3. Create, format, and edit Word documents with pictures.
4. Create business documents, including business letters with letterhead and tables and research papers with citations and references.
5. Create and edit PowerPoint presentations with clip art.
6. Enhance PowerPoint presentations with pictures, shapes, WordArt and transitions.
7. Create Excel worksheets with embedded charts.
8. Incorporate formulas, functions, and formatting into Excel worksheets.
9. Design and create databases with tables, reports, and forms.
10. Develop a database query.

D. LEARNING OUTCOMES (General)

1. The learner will demonstrate an understanding of the components of a microcomputer and computer terminology.
2. The learner will prepare professional documents with unique formatting using Microsoft Word.
3. The learner will prepare, format, and view presentations using Microsoft PowerPoint.
4. The learner will create spreadsheets and apply formatting, formulas, and charts using Microsoft Excel.
5. The learner will create a database, use a query, and create tables and forms based on the database using Microsoft Access.
6. The learner will demonstrate an understanding of the Windows operating system and the ability to use email and the internet.
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted