

THREE RIVERS COMMUNITY COLLEGE  
COURSE OUTLINE  
(WEDNESDAY NIGHTS)

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**Course Number/Title:** K105 Computer Applications I

**Lecture:** 3 hrs      **Laboratory:** 0 hrs      **Credit:** 3 hrs      **Contact:** 3 hrs

**Course Description:** This course introduces some popular software packages currently being used in industry, business, and government such as Microsoft Word, Excel, Access, PowerPoint, and the Internet Explorer.

**Texts:** Exploring Microsoft® Office 2003, Volume I – Second Edition by Grauer & Barber

**Prerequisites:** None    **Co-requisites:** None

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Measurable Objectives

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The student will be able to:

1. Identify and explain computer hardware components including RAM and storage devices
2. Identify the objects on the Windows desktop and the components of an individual window
3. Use Windows Explorer to
  - Move, copy, and delete files and folders and retrieve them from the Recycle Bin
  - Locate files anywhere on the system
4. Do a screen capture and active window capture
5. Describe the Internet and its history and explain how to access it
6. Use a browser such as Internet Explorer to navigate the World Wide Web using URLs and hyperlinks
7. Download and uncompress files
8. Use a search engine to answer an assigned question
9. Use MS Word to
  - Create, save, retrieve, and print a document
  - Edit content and check spelling
  - Format characters and paragraphs
  - Include and format graphics
10. Use MS Excel to
  - Create, save, and retrieve a workbook
  - Print-preview, and print a worksheet, chart or workbook
  - Format a worksheet

- Insert and delete rows and columns and copy and/or move ranges
  - Create cell formulas with both relative and absolute addressing
  - Display both computed values and cell formulas
  - Use Excel functions
  - Create charts
11. Create a compound document consisting of a word processing document with spreadsheet components
  12. Use MS Access to
    - Create a database table
    - Add, delete, and edit records
    - Print a report
    - Sort and search records
    - Create a form
  13. Create a PowerPoint presentation

## COURSE TOPICS/CONTENT

1	Windows and the Internet	
	A. Getting Started with Windows	8/29
	B. Essential Computing Concepts	8/29
	C. The Internet and the World Wide Web	9/5
	Microsoft Word	
	A. Chapter 1 -2	9/12
	B. Chapter 2 -3	9/19
	C. Chapter 3 and	
	D. Chapter 4 (through Hands-On Ex. 1 only)	9/26
3	Microsoft Excel	
	A. Chapter 1	10/3
	B. Chapter 2	10/10
	C. Chapter 3 and	
	D. Chapter 4	10/17
4.	Microsoft Access	
	A. Chapter 1	10/24
	B. Chapter 2	10/31
	C. Chapter 3	11/7
5	Microsoft PowerPoint	
	A. Chapter 1	11/14
	B. Chapter 2	11/28
	Quiz 3 : Access and PowerPoint	12/5
	PAPERS DUE	11/28
	FINAL EXAM	12/12