1- Description

**Course Code:** CSC 306.

**Course Title:** Information Technology and its Applications Part-2.

**Credit Hours:** 3 (3-Theory; 1-Lab)     Level: 5.

**Prerequisites:** CSC 206 (Information Technology and its Applications Part-1).

**Course content:** General overview about the information Technology. Basic Application Software (Basic Productivity Tools). Internet, E-Mail, E-Commerce. Specialized Application Software. Developing Custom Software. System Software. Connectivity, and Networks.

2- Syllabus

1- Information Technology
   - Information Systems.
   - Hardware.
   - Software.
   - Connectivity.

2- Basic Application Software (Basic Productivity Tools)
   - Basic Types.
   - Integrated Packages, and Suites.
   - Evaluation.
3- Internet, E-Mail, E-Commerce
   - Internet
   - E-Mail.
   - E-Commerce.
4- Specialized Application Software
   - Additional Productivity Programs.
   - Other Power Tools.
   - Choosing and Using Software.
   - Security and Safety.
5- Developing Custom Software:
   - Software Developers.
   - Software Development Cycle.
   - Programming Techniques.
   - Generations of Programming Languages.
6- System Software:
   - System Software: Functions and Features.
   - Microcomputer Operating Systems and Graphical User Interfaces.
   - Operating Systems Maximize Processing Efficiency.
7- Connectivity, and Networks
   - Communications and Connectivity.
   - Controlling Data Flow with Communications Software.
   - Network Configurations.


**Other references:**
- H. L. Capron & J. A. Johnson; Computers - Tools for Information Age; Prentice Hall; Last edition
- Peter Norton’s; Introduction to Computers, McGraw – Hill; Last edition;
3- Lab
- Electronic Spreadsheets [Microsoft Excel].
- Database Management Systems [Microsoft Access].
- Internet & Electronic Mail.

4- Grading

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<tr>
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