

## **CSC 102 INTRODUCTION TO COMPUTER SCIENCE II (2 UNITS)**

An introduction of computing with emphasis on the practical usage of the personal computers; concept of computer hardware, software, firmware. Definition of the following terms: bits, bytes, word, word length ,data, information, records, fields, files, database. Data types and organisation. Data coding: ASCII Problem-solving process. Algorithms: flowcharting. Basic logic gates and their operation. Examples with elementary logic circuits introduction to a scripting programming language