



SCHOOL OF TRADES & TECHNOLOGY

COURSE OUTLINE – LEARNING OUTCOMES BASED COURSES

- 1. Course Name:** Computer Programming 1
Course Number: COMP-0169
Program in Which Course is Taught: Computer Systems Technology
Total Course Credits: 6

Text/Learning Resource Materials:

Boehm, Anne (2008). Murach's Visual Basic 2008. Fresno, California: Mike Murach & Associates, Inc.
Microsoft Visual Basic 2008 Express Edition

2. Rationale:

Modern business and industry require people capable of troubleshooting and maintaining existing program infrastructures. This course teaches the programming skills that will help the student achieve these skills.

3. Prerequisites:

None

4. Corequisites:

None

5. Learning Outcomes:

1. The learner will be able to configure the Visual Basic IDE
2. The learner will be able to create and organize object oriented designs
3. The learner will be able to test, debug and document Visual Basic programs
4. The learner will be able to use variables, constants, and functions
5. The learner will be able to utilize selection statements
6. The learner will be able to demonstrate the use of repetition structures
7. The learner will be able to integrate arrays into programs