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BAA2012

COMPUTER PROGRAMMING

by
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Course Info by
Lim Kar Sing

Course Synopsis

- Aims

- The topics learned in this course are variables and data types, input/output instruction, assignment instruction, decision instruction, repetition instruction, functions, arrays, string and reading/writing from text files.

- Expected Outcomes

- By the end of this course, students will have the ability to:
 1. Ability to map/visualize problems into computational framework.
 2. Ability to read, analyse and understand computer program codes.
 3. Ability to write computer programs to solve computational problems.



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Topics

1. Introduction to computer programming
2. Input, output, and assignment instruction
3. Decision Instruction
4. Repetition Instruction
5. File Input / Output
6. Array
7. Function



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References / Recommended Readings

1. Visual Basic 2010 Tutorial - <http://www.vbtutor.net/index.php/visual-basic-2010-tutorial/>
2. Microsoft Visual Basic 2010 Step By Step ebook. Micheal Halvorson, 2010, Microsoft Press, United States of America.
3. Visual Basic Tutorial - <http://www.visual-basic-tutorials.com/>
4. Introduction to Programming Using Visual Basic (10th Edition). David I. Schneider, 2017 Pearson Education, Inc., Hoboken, NJ.



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