

IT7008

Computer Programming 2



Course Aim To provide an understanding of more advanced concepts using object-oriented programming.
To develop more practical skills in designing, building and testing larger computer programs.

Short Title

Faculty EDICT

Credits 15

Pre-requisites IT6008 (ITB5008)

Co-requisites None

Anti-requisites None

Version 3

Effective From February 2016

NQF Level 7

Student Contact hrs 90

Self-directed hrs 60

Other directed hrs 0

Total learning hrs 150

Learning

Outcomes

- On successful completion of this course, students will be able to:
- 1 Create programs that apply advanced programming techniques and object-oriented concepts.
 - 2 Follow best practice, industry standards, professional ethics, diagram designing, programming and documentation conventions during the programming process
 - 3 Design object oriented solutions using UML.

NQF Sub-strand

Practical
Application of
knowledge
Generic, Problem
Solving and
Analytical Skills
Practical
Application of
knowledge