

Tutorial letter 101/3/2015

Object-Oriented Analysis ICT2622

Semester 1 & 2

School of Computing

IMPORTANT INFORMATION:

Please activate your *myUnisa* and *myLife* email addresses and ensure you have regular access to the *myUnisa* module site ICT2622-2015-S1 (1st semester) or ICT2622-2015-S2 (2nd semester) as well as your group site.

Note: This is an online module, and therefore your module is available on myUnisa. However, in order to support you in your learning process, you will also receive some study materials in printed format.

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1 INTRODUCTION

Dear Student

Welcome to the module *Object-Oriented Analysis – ICT2622*. This module provides the background that systems analyst and programmer require, skills and values needed to understand the analyse and design of an information system using an object oriented approach, techniques and methodologies of systems development.

The student will be able to extend this knowledge into practical real life systems development environments. The student will also be able to transform manual or computerized information systems into efficient labour saving computerized, accurate information systems.

Qualified students who are credited with this module are able to analyze and design computerized information systems according to the object oriented approach, demonstrating the ability to apply the correct methodology, tools and techniques to the gathered information, to solve client problems according to specific criteria, or according to specific standards of reliability, cost effectiveness, timeousness, applicability, client satisfaction and efficiency.

Because this is a fully online module, you need to use myUnisa to study and complete the learning activities for this course. You need to visit the websites on myUnisa for ICT2622 frequently. The website for your module is denoted by ICT2622-15-S1 or ICT2622-15-S2.

1.1 Specific outcomes

Specific outcome 1: Analyze client needs and interpret and document it according to the system's functional requirements applying the structured/traditional approach, as part of the systems analysis phase of the SDLC

Specific outcome 2: Develop information from the analysis phase into Design Models

Specific outcome 3: Design an object database schema based on a class diagram

Specific outcome 4: Design system inputs and -outputs

Because this is a fully online module, you need to go online to see your study materials and read what to do for the module. Go to the website here: <https://my.unisa.ac.za> and login with your student number and password. You will see ICT2622-15-S1 in the row of modules in the orange blocks across the top of the webpage. Remember to also check in the -more- tab if you cannot find it in the orange blocks. Click on the module you want to open.

2 MODULE FORMAT: ICT2622

2.1 Fully online module

Please note that this module is offered fully online.

All study material for this module will be available on myUnisa. It is thus very important that you register on myUnisa and access the module site on a regular basis. You must be registered on myUnisa to be able to access your learning material, submit your assignments, gain access to various learning

resources, “chat” to your lecturer or teaching assistant and fellow students about your studies and the challenges that you might encounter, and to participate in online discussion forums and blogs. Importantly, *myUnisa* contains the **Learning Units** tool from which you will only be able to access the study material for this module if you have registered and have access to *myUnisa*.

2.2 Printed materials to support the online module

Because we want you to be successful in this online module, we also provide you with some of the study materials in printed format. This will allow you to read the study materials, even if you are not online.

In addition, you will receive this tutorial letter and a printed copy of the online study materials from *myUnisa*. While these printed materials may appear slightly different from the online study materials, they are exactly the same and have been copied from the online *myUnisa* website.

Remember, the printed support materials are a back-up to everything that is found online, on *myUnisa*. There are no extra things there. **In other words, you should NOT wait for the Printed support materials to arrive to start studying.**

Please consult with the *myStudies @Unisa* publication for more information on the activation of your *myLife* email address as well as obtaining access to the *myUnisa* module site.

3 LECTURER AND CONTACT DETAILS

3.1 Lecturer

The Primary Lecturer for this module is Dr PL Mkhize:

Department: School of Computing
Telephone: 011 471 3565
Email: mkhizpl@unisa.ac.za

To contact the University, you should follow the instructions in the ***myStudies @ Unisa*** brochure. Remember to have your student number available when you contact the University.

When you contact the Lecturer, please do not forget to always include your student number. This will help the Lecturers to assist you.

4 ASSESSMENT

4.1 Assessment plan

For this module, you are required to complete and submit three (3) **COMPULSORY** assignments and write one examination. Assignment 01 consists of multiple choice questions, and assignment 02 & 3 long questions. Examination will take place in Oct/Nov 2015.

The table below shows assignment numbers and their due dates.

4.2 Due dates of the assignments

Assignment number	Unique number	Due date:	Semester
01	578801	10/03/2015	1
02	578813	15/04/2015	1
01	615075	30/07/2015	2
02	615083	18/09/2015	2

According to Unisa regulations, the assignments contribute towards a student's year mark, which will contribute 20% towards his or her final mark. In this module, all assignments have equal weight.

Year mark contribute 20% towards final mark while exam mark 80%. However, for the year mark to take effect you must get at least 40% on the final examination.

*Because this is an online module, the assignments are not provided at the beginning. Instead, you are given the assignments within the study materials, as they occur during the course. You can see them, when you go online, or read them in the printed support materials.

Do not hesitate to contact your lecturer by email if you are experiencing problems with the content of this tutorial letter or any aspect of the module.

I wish you a fascinating and satisfying journey through the learning material and trust that you will complete the module successfully.

Enjoy the journey!

Dr Peter L Mkhize