

**Information sheet -2023/2024**  
**Course: ADU3302 – Differential Equations**  
**Level 03- Applied Mathematics**  
**Department of Mathematics**  
**The Open University of Sri Lanka**

This document contains very useful information related to level 03 Applied Mathematics course: **Differential Equations** offered by the Department of Mathematics. It is advised to read and understand the information given so that you may be able to successfully engage in all the academic activities in the Open University.

**1.0 Applied Mathematics Course: ADU3302 – Differential Equations**

Course Code	Course Title	Credits	No of Books	Semester	Course Coordinator	Day School Conductor
ADU3302	Differential Equations	3	1	II	Dr. H.O.W. Peiris	Dr. H.O.W. Peiris

**2.0 Day Schools (DS)**

Day Schools for all courses will conduct in hybrid mode. These DS will not take the form of conventional lectures. For a course of 3 credit there will be 15 hours day schools and 4 hours revision day school. These day schools are particularly designed to give the student an opportunity to get the doubts in the course material/course clarified.

**3.0 Evaluation:**

Evaluation procedure involves both continuous assessment tests and final examination. A student's progress is assessed continuously for a course by two continuous assessments tests (CAT1 and CAT 2). To be eligible to sit the final examination of a course, a student should score a minimum of 35% for its continuous assessment tests, which will be valid for two years. You are advised to do very well in these tests because it goes a long way to determine your CAM Mark to sit for the Final Examination at the end of the course. There will be assessment test for all Courses.

**CAT I (OBT), CAT II (NBT) and Final examinations (FE)** will be held at; (Subject to change.)

Regional Centers	Study centers
Colombo	Galle
Kandy	Kalutara
Matara	Gampaha
Anuradhapura	Kegalle
Batticaloa	Puttalam
Badulla	Trincomalee
Kurunegala	Ampara
Jaffna	Polonnaruwa
Ratnapura	

**3.1 Final Examination**

The Final Examination paper will be of two (02) hours duration and the paper consists of two parts : part A and Part B.  
 Part A consists of Multiple Choice Questions/ Short Questions/ 1 structured essay question/ 1 essay question and is compulsory.  
 Part B consists of five (05) essay questions of which three (03) has to be answered.

**3.2 Application to sit the final examination**

In each semester students are required to apply for the Final Examination online.

#### 4.0 Calculating CAM mark and Overall mark

##### 4.1 Calculating the CAM mark

Out of the two tests (CAT1, CAT2) if

A  $\longrightarrow$  Maximum Mark

B  $\longrightarrow$  Minimum Mark

$$\text{CAM} = A(60\%) + B(40\%)$$

##### 4.2 Calculating Overall Mark

**Overall Mark:** For the courses offered by the Faculty of Natural Sciences, overall mark, “Z%” will be computed by a combination of the Continuous Assessment Mark (CAM), “X%” and the Final Examination Mark (FEM), “Y%” as follows.

$$\text{If } Y \geq 40, \text{ then } Z = 0.4 X + 0.6 Y$$

$$\text{If } 30 \leq Y < 40, \text{ then } Z = 0.4 X + 0.6 Y, \text{ subject to a maximum of } 40.$$

$$\text{If } Y < 30, \text{ then } Z = Y$$

##### 5.0 E-Learn

There is an online supplementary course available for **ADU3302**. The students are strongly advised to receive the fullest benefit from the resources provided through E-learn. The instructions to use the E-learn will be provided with necessary information.

##### 6.0 Contact Names and Telephone Numbers:

**If you need further information regarding these courses or if you have not received the course materials on time, please contact us immediately.**

Course Coordinator	Contact No	Email
Dr. H.O.W. Peiris	0112881443	hoper@ou.ac.lk