

Information sheet 2023/2024
ADU4303-Applied Linear Algebra & Differential Equations
Level 04 - Applied Mathematics
Department of Mathematics
The Open University of Sri Lanka

This document contains useful information related to level 04 Applied Mathematics course, Applied Linear Algebra & 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 of the course.

Credit rating: 3

Semester: 2

Course Coordinator: Ms. M. A. P. De Silva

Day Schools (DS):

Day Schools will be held via zoom except first and revision day schools for current academic year. In these DS important sections and questions related to the lesson material will be discussed. These DS will not take the form of conventional lectures. For a course of 3 credits, there will be four (2 hour) day schools and a 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.

Evaluation:

Evaluation is based on Assignment Tests and a final examination.

A student's progress is assessed continuously for the course by two continuous assessments tests (CAT 1-OBT and CAT 2-NBT). You are advised to do very well in these tests because it goes a long way to determine your CAM to sit for the Final Examination at the end of the course. You should score a minimum of 35% for its continuous assessment tests, which will be valid for two years.

Final Examination:

The final examination is **two hours'** duration. It consists of (06) essay type questions of which 04 to be answered.

Calculating Overall Continuous Assessment Mark (OCAM) and Overall Mark (OM):

Calculating the OCAM:

Out of the two testes CAT1 and CAT 2 if $A = \text{Maximum Mark (CAT1, CAT 2)}$
and

$B = \text{Minimum Mark (CAT1, CAT 2)}$ then **OCAM = A (60%) + B (40%)**.

If **OCAM ≥ 35** , you are **eligible** to sit for the final examination.

Calculating the Overall Mark (OM):

If the final mark (FE) is Y and if $Y > 40$ then $OM = 40\% (\text{OCAM}) + 60\% (Y)$.

If $30 < Y < 40$ then $OM = 40\% (\text{OCAM}) + 60\% (Y)$ subject to a maximum of 40.

If $Y < 30$ then $OM = Y$.