

Information sheet -2023/2024

PEU4301 – Real Analysis II
Level 04 – Pure Mathematics
Department of Mathematics
The Open University of Sri Lanka

This document contains very useful information related to level 04 Pure Mathematics course: **Real Analysis II** 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 Pure Mathematics Course: PEU4301 – Real Analysis II

| Course Code | Course Title | Credits | No of Books | Semester | Course Coordinator | Day School Conductor |
|-------------|------------------|---------|-------------|----------|----------------------|----------------------|
| PEU4301 | Real Analysis II | 3 | 2 | 2 | Mrs. M.A.P. De Silva | Mr. P.G.P. Kumara |

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 credits or 2 credits there will be **10 hours day schools** and **2 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.

OBT, NBT and Final examinations are held at **Regional Centers in Colombo, Kandy, Matara, Anuradhapura, Batticaloa, Badulla, Kurunegala, Jaffna and Ratnapura** and Study centers in **Galle, Kalutara, Gampaha and Kegalle**.

3.1 Final Examination

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

4.2 Calculating Overall Mark

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 $OM = Y$.

5.0 E-Learn

There is an online supplementary course available for PEU4301. 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 the 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 |
|----------------------|---------------|--|
| Mrs. M.A.P. De Silva | +940112881309 | mades@ou.ac.lk |