

Information sheet-2023/2024
Level 03- Pure Mathematics
PEU3300 – Mathematical Logic and Mathematical Proofs
Department of Mathematics
The Open University of Sri Lanka

This document contains very useful information related to the Level 03 Pure Mathematics course PEU3300 – Mathematical Logic & Mathematical Proofs offered by the Department of Mathematics. It is advisable to read and understand the information given so that you may be able to successfully engage in all the academic activities while studying at The Open University of Sri Lanka.

1.0 Level 3 Pure Mathematics Course: PEU3300 – Mathematical Logic & Mathematical Proofs

Course Code	Course Title	Credits	No of Books	Semester	Course Coordinator	Day School Conductor
PEU3300	Mathematical Logic & Mathematical Proofs	3	2	1	Dr. H.O.W. Peiris	Dr. H.O.W. Peiris

2.0 Day Schools (DS)

The Day Schools will not take the form of conventional lectures. It will be delivered online for most sessions, with some sessions delivered both onsite and online. For this course, there will be 15 1/2 hours day schools and 4 1/2 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 (OBT – Open Book Test) and CAT2 (NBT – No Book Test). 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;

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 structured essay questions 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 testes (CAT1, CAT2) if

A \longrightarrow Maximum mark
B \longrightarrow Minimum mark

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

4.2 Calculating the 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.

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

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

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

5.0 Learn OUSL

There are online supplementary courses available in the Learn OUSL for Level 3 Pure Mathematics Courses. The students are strongly advised to receive the fullest benefit from the resources provided through Learn OUSL.

6.0 Contact Names and Telephone Numbers:

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

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