

**Department of Mathematics**  
**The Open University of Sri Lanka**  
**ADU5304-Operational Research**  
**Information Sheet – Academic Year 2023/2024- Semester II**

This sheet will provide important information about ADU5304-Operational Research course offered by the Department of Mathematics. Please read it carefully so that you would have a general idea about this course. We strongly advise you to keep this sheet with you for the entire semester. If you need further assistance or clarification contact the course coordinator.

Also you are reminded that it is important to inform the coordinator of any address changes immediately in addition to informing student affairs.

Course Coordinator: Mrs.N.A.M.R.Senaviratna – Contact nasen@ou.ac.lk or 011-2-881443

Nature of study	<ul style="list-style-type: none"> <li>• Study material will be discussed on day schools organized by the Department of Mathematics.</li> <li>• During the semester, the department will conduct an OBT (Open Book Test), and a NBT (No Book Test) for each course.</li> <li>• Marks of these tests will be used to calculate the Continuous Assessment Mark (CAM).</li> </ul>
Day Schools	<ul style="list-style-type: none"> <li>• there will be two-hour 5 day schools.</li> </ul>
Open Book Test (OBT)	<ul style="list-style-type: none"> <li>• The OBT questions are set from the content covered in the day schools held before the OBT date.</li> <li>• Test duration is one hour. Students will be allowed to use any study material in the examination.</li> <li>• Test will be held as onsite tests.</li> </ul>
No Book Test (NBT)	<ul style="list-style-type: none"> <li>• The NBT questions are set from the content covered in the day schools held before the NBT date.</li> <li>• Test duration is one hour. Students will NOT be allowed to use any study material in the examination.</li> <li>• Test will be held as onsite tests. Mode of test will be informed to students later.</li> </ul>
Eligibility for Final Examination	<ul style="list-style-type: none"> <li>• Students need to obtain minimum of 35% to be eligible for the final examination.</li> <li>• CAM will be calculated based on your performance at the OBT and NBT. The final CAM is calculated as follows:  <math>(\text{Highest mark of OBT/NBT}) * 60\% + (\text{Lowest mark of OBT/NBT}) * 40\%</math> </li> </ul>
Final Examination	<ul style="list-style-type: none"> <li>• There will be a two hour theory paper at the final examination. It consists of 06 essay type questions. Students are expected to answer 4 questions out of six questions.</li> </ul>

<b>Final Mark</b>	<p>Final Mark will be calculated as follows:</p> $\text{FM} = 0.6 * \text{FEM} + 0.4 * \text{OCAM} \quad \text{if } \text{FEM} \geq 40$ $\text{FM} = 0.6 * \text{FEM} + 0.4 * \text{OCAM} \quad \text{if } 30 \leq \text{FEM} < 40; \text{ subject to a maximum of } 40$ $\text{FM} = \text{FEM} \quad \text{if } \text{FEM} < 30$ <p>*FEM – Final Examination Mark</p>
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### General Information on Level 05 Applied Mathematics Courses

<b>Course Code</b>	<b>Course Title</b>	<b>Credit Rating</b>	<b>Semester Offered</b>	<b>Course is Delivered by</b>	<b>Description of Course material</b>
ADU5304	Operartional Resdearch	3	1		Book 1

- If you do not receive the course material for this course, immediately contact the coordinator at the contact number and inform so that we are able to attend to your requests without much delay.

Mrs.N.A.M.R.Senaviratna  
Course Coordinator - ADU5304