COURSE OUTLINE
Course Name: Introduction to Law and Philosophy-II
Course Code: Law 125

<table>
<thead>
<tr>
<th>Faculty:</th>
<th>Faculty of Law</th>
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<tr>
<td>Credit hours:</td>
<td>3 Cr. H</td>
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<td>Course level:</td>
<td>05 Years B.A. LL.B (Hons.) Program</td>
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<td>College/Department:</td>
<td>Punjab University Law College, University of the Punjab, New Campus, Lahore</td>
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CONTENT SUMMARY

1. Introduction:
   1. What is logic?
   2. Propositions and Arguments
   3. Recognizing Arguments
   4. Deductive and Inductive Arguments
   5. Validity and Truth.

2. Fallacies:
   1. What is fallacy?
   2. Classification of Fallacies
   3. Fallacies of Relevance
   4. Fallacies of Defective Induction
   5. Fallacies of Presumption

3. Classical Logic:
   1. The Theory of Deduction
   2. Classes and Categorical Propositions
   3. Four Kinds of Categorical Propositions
   4. Quality
   5. Quantity and Distribution
   6. the Traditional Square of Opposition
   7. Conversion
   8. Obversion and Contraposition

4. Categorical Syllogisms
   1. Standard-Form Categorical Syllogisms
   2. The Formal Nature of Syllogistic Argument
   3. Venn Diagram Technique for Testing Syllogisms
   4. Syllogistic Rules and Syllogistic Fallacies

5. Modern Logic:
   1. Modern Logic and its Symbolic Language
2. Symbols of Conjunction
3. Negation
4. Disjunction
5. Conditional Statement and Material Implication
6. Testing Arguments validity using Truth Tables
7. Logical Equivalence

6. Methods of Deduction
1. Formal Proof of Validity
2. The Elementary valid Arguments Forms
3. Constructing Formal Proofs of Validity

7. Quantification Theory
1. The Need for Quantification
2. Singular Propositions
3. Universal and Existential Quantifiers
4. Traditional Subject-Predicate Propositions
5. Proving Validity

8. Science and Hypothesis
1. Scientific Explanation
2. Scientific Inquiry
3. Hypothesis and Confirmation
4. Evaluating Scientific Explanations

Please note: The contents/schedule may be varied at the discretion of the course convenor to give a greater or lesser degree of emphasis to a particular topic.

PRESCRIBED TEXTS

Text Books:
1. Recommended books of B.A Syllabus.