Module Title: Syllogistic and the Art of Demonstration  
(Part 3 of the Course ‘LOGIC’)

Module Code: FIVART

Course Lecturer: Wahid M. Amin  
(Office Hour: Mondays 4:30–6:00pm by appointment)

Module Duration: 17 weeks (2 units per week)

Assessment: 100% exam

Prerequisites: Parts 1 and 2 of ‘LOGIC’; Arabic.

Course Description:
This module is the third and final part of the curriculum for the study of logic, and introduces students to the five logical arts with particular emphasis to the art of demonstration (burhān). Students will learn how rank the grades of assent (taṣdiq) depending on the types of propositions which make up a syllogism. Following a detailed analysis of the different categories of propositions, students will learn how each of the five arts (i.e. demonstration, dialectic, rhetoric, poetics, and sophistries), which the Islamic tradition considers in the form of syllogisms, depends on their matters; that is to say, their premises. The course ends with a focussed study of the demonstrative syllogism, its conditions, types and esteemed place within logical argumentation.

Learning Outcomes:
By the end of this course, a student will be able to:
- define a syllogism according to the type of assent it causes based on a consideration of the different types of propositions that form its “matter”;
- explain the different types of propositions that may be used as premises of a syllogism;
- articulate the meaning and purpose of a demonstrative syllogism;
- differentiate the two principal types of a demonstrative syllogism;
- define the different meanings of the word ‘cause’ and its relation to the demonstration of the reasoned fact;
- enumerate the different conditions that are necessary for a valid demonstrative syllogism;
- understand the difference between the terms 'primary' and 'essential' in different logical contexts.

**Course Text:**

**Recommended Reading:**


**Schedule of Classes:**

- **Week 1:** Certainty Propositions
- **Week 2:** Sensory and Empirical Propositions
- **Week 3:** Successively Reported Propositions
- **Week 4:** Intuitive Propositions
- **Week 5:** Innate Propositions
- **Week 6:** Conjectural Propositions
- **Week 7:** Popularity-Based Propositions and Its Types
- **Week 8:** Popularity-Based Propositions and Its Types
- **Week 9:** Popularity-Based Propositions and Its Types
- **Week 10:** Delusionary Beliefs
Week 11: Admitted Propositions, Accepted-on-Authority Propositions, Imaginative Propositions, Resembling Propositions
Week 12: The Different Types of Syllogisms
Week 13: The Demonstrative Syllogism
Week 14: Demonstration and Its Types
Week 15: Further Comments on the Demonstration of the Reasoned Fact
Week 16: Conditions for the Premises of a Demonstrative Syllogism
Week 17: The Meanings of ‘Essential’ and ‘Primary’ in Demonstrative Syllogisms