



## Essentials of Formal Logic with Joelle Hodge

Lesson 20: Chapter  
5.5-5.6

### Outline:

Chapter 5, Lessons 5.5-5.6

- Subimplication and Superimplication
- Relationships of Opposition
- Points to Remember
  - **Subimplication**
    - Subimplication is the relationship between universal propositions and their particulars. A relates to I; E relates to O.
    - The truth of the universal implies the truth of its particular.
      - The truth of the universal is conferred to the particular.
    - The falsity of the universal does not necessitate the truth or falsity of its particular. When a universal is false, the truth-value of the particular is unknown.
  - **Superimplication**
    - Superimplication is the relationship between particular and universal propositions. I relates to A; O relates to E.
    - The truth of the particular proposition does not necessitate the truth or falsity of the universal proposition.
    - The falsity of the particular proposition implies the falsity of the universal proposition.

