

**Logic: Livy & Conditional Syllogism**  
**Hum 110, Reed College**  
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To Deny the Antecedent:

If antecedent, consequent	If you want to be run over, stand in the street,
Consequent Denied	You did not stand in the street
Antecedent Denied	Therefore you did not want to be run over

To Affirm the Consequent:

If antecedent, consequent	If this proposition is true, then the
	contradictory is false.
Antecedent Affirmed	This proposition is true
Consequent Affirmed	Therefore its contradictory is false.

Example from Lucretius:

If things came from nothing, the world would be random  
The world is not random: things grow when the seasons are right  
Therefore everything grows up and is nourished from its own proper  
manner (i.e. things do not come from nothing). (ll. 175-191)

Example from a student paper:

If Livy valued women, he would present feminine actions as virtuous  
Livy presents masculine, not feminine, acts as virtuous  
Livy does not value women.