

## Module 4: Examining Love, Friendship, and Power

### Topic 6 Content: Logical Fallacies

#### Introduction

### Logical Fallacies

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Click the circles in the categories or the **NEXT** button to view descriptions and examples of each logical fallacy in greater detail.



Pathos                      Ethos                      Logos

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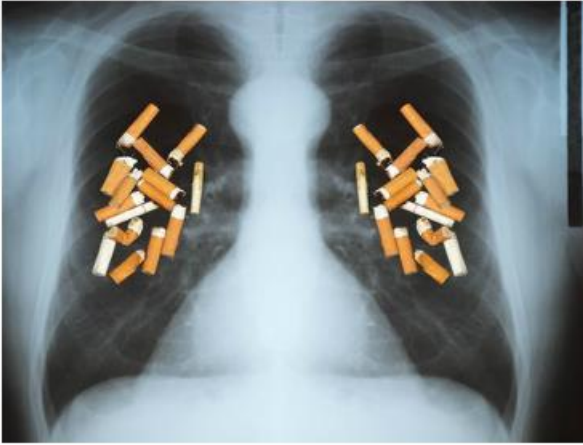
#### Scare Tactic

### Logical Fallacies

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**Description:** scaring an audience into believing something

**Example:** A smokeless-tobacco company shows what a person's lungs look like after a period of tobacco use. Though the images may be true, fear is used to sway opinion, whether it is for the good of people or not.



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Pathos Ethos Logos

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### Topic 6 Content: Logical Fallacies

#### Slippery Slope

### Logical Fallacies

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**Description:** presenting the idea that a small first step leads to a chain of related events that result in a significant and dire effect

**Example:** "If you eat a slice of pie, you will want to eat the whole pie. Then you will end up eating pie every day until you have serious health problems." The possibility that you can stop after one slice of pie is disregarded.



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Pathos Ethos Logos

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## Module 4: Examining Love, Friendship, and Power

### Topic 6 Content: Logical Fallacies


#### Either/Or Choice

### Logical Fallacies

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**Description:** presenting a limited range of choices

**Example:** A car company shows only two choices for a heavy-duty truck that will "do the job" and does not present another truck that is adequate yet more affordable as an option.



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Pathos Ethos Logos

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## Module 4: Examining Love, Friendship, and Power

### Topic 6 Content: Logical Fallacies

#### Appeal to False Authority

### Logical Fallacies

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**Description:** using a biased, suspicious, or incredible source to defend a conclusion

**Example:** A commercial uses a famous athlete to sell a brand of jeans even though the athlete may not be an authority in fashion.



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Pathos Ethos Logos

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## Module 4: Examining Love, Friendship, and Power

### Topic 6 Content: Logical Fallacies

#### Ad Hominem

**Logical Fallacies**

**Ad Hominem**

**Description:** attacking an opponent's character or traits rather than his or her argument

**Example:** A politician says, "Only an idiot would argue for pursuing a peaceful solution to this conflict."



Ad Hominem

Pathos Ethos Logos

The diagram shows a horizontal bar with three colored arrow-shaped segments: a green segment on the left labeled 'Pathos', a red segment in the middle labeled 'Ethos', and a blue segment on the right labeled 'Logos'. A callout box labeled 'Ad Hominem' points to the red 'Ethos' segment.

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# Module 4: Examining Love, Friendship, and Power

## Topic 6 Content: Logical Fallacies


### Hasty Generalization

#### Logical Fallacies

##### Hasty Generalization

**Description:** making a broad generalization based on a specific instance or insufficient evidence

**Example:** A politician states that since one person who identifies himself with a political group has extremist ideas, the entire group is extremist and must be monitored.



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Pathos Ethos Logos

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### Topic 6 Content: Logical Fallacies

#### Faulty Causality

### Logical Fallacies

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**Description:** assuming that since one event follows another, the first must cause the second

**Example:** A man eats a poor diet and never exercises for most of his life. Soon after being informed that he is losing his job, he suffers a heart attack and assumes that the stressful news was the cause.



Pathos                      Ethos                      Logos

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# Module 4: Examining Love, Friendship, and Power

## Topic 6 Content: Logical Fallacies


### Begging the Question

#### Logical Fallacies

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**Description:** basing a conclusion on an assumption; the statement could be possible, but sufficient proof is not given

**Example:** Drinking coffee helps you study because students drink a lot of coffee when they study (because they assume that drinking coffee helps you study).



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Pathos Ethos Logos

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#### Straw Man

### Logical Fallacies

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**Description:** misrepresenting an opponent's position and then attacking the distorted version of the position

**Example:** When a politician advocates limiting access to guns, his opponent accuses him of trying to abolish the Constitution.



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Pathos Ethos Logos

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## Module 4: Examining Love, Friendship, and Power

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#### False Analogy

### Logical Fallacies

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**Description:** basing an argument on misleading, superficial, or implausible comparisons

**Example:** Because robbers break the law by entering people's homes uninvited, firefighters are also criminals when they enter a vacant home to put out a fire.



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Pathos Ethos Logos

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## Module 4: Examining Love, Friendship, and Power

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#### Red Herring

### Logical Fallacies

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**Description:** deliberately misleading an audience by diverting attention from the real issue

**Example:** In a political debate, the moderator asks a candidate, "Did you vote to raise taxes on small-business owners while you were in the Senate?" The candidate responds, "But don't we want our children to have the best food available?"



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