

3-1-Mini-Case Analysis  
 CYC105P01a

**PHE 510 Milestone Two Guidelines and Rubric** [3-1 Mini-Case Analysis]  
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In **Module Two**, you will submit a paper introducing the health issue in your selected case study. Reference the Final Project Guidelines and Rubric to see how this paper will eventually be part of your final project. You are encouraged to incorporate the feedback you get on this assignment before completing the next milestone rather than waiting until the final project is due.

**Prompt:** Submit a paper introducing the public health issue in your selected case study. Be sure to include the following critical elements:

- Describe the **public health issue** in your selected scenario and its importance and relevance to the world.
- Outline how the **issue has developed**, providing specifics around the biological and molecular components.
- Explain why, based on its biological and molecular components, this pathogen is of **concern to public health**.
- Analyze how **biology** assists public health in planning, implementing and evaluating local or global public health programs and interventions. In other words, analyze the relationship between biology and public health's attempts to mitigate diseases.

**Guidelines for Submission:** Submit assignment as a Word document with double spacing, 12-point Times New Roman font, and one-inch margins. Your paper must be 1-2 pages with at least three sources cited in APA format.

Critical Elements	Exemplary (100%)	Proficient (90%)	Needs Improvement (70%)	Not Evident (0%)	Value
<b>Introduction: Public Health Issue</b>	Meets "Proficient" criteria and is especially clear and detailed	Describes the public health issue and its importance and relevance to the world	Describes the public health issue and its importance and relevance to the world, but response is cursory or contains inaccuracies	Does not describe the public health issue and its importance and relevance to the world	25
<b>Introduction: Issue Developed</b>	Meets "Proficient" criteria and demonstrates keen insight into the biological and molecular development of disease	Outlines how the issue has developed, providing specifics around the biological and molecular components	Outlines how the issue has developed, providing specifics around the biological and molecular components, but response is cursory or contains inaccuracies	Does not outline how the issue has developed, providing specifics around the biological and molecular components	15
<b>Introduction: Concern to Public Health</b>	Meets "Proficient" criteria and demonstrates keen insight into the role of public health	Explains why the pathogen is of concern to public health	Explains why the pathogen is of concern to public health, but response is cursory or contains inaccuracies	Does not explain why the pathogen is of concern to public health	25

**PHE 510 H1N1 Mini-Case Analysis Guidelines and Rubric**

[4:1 Mini-Case Analysis: H1N1.]

**Prompt:** Consider the H1N1 influenza or “swine flu” outbreak of 2009. Read “Mitigation Approaches to Combat the Flu Pandemic” to learn more about mitigation strategies that have been employed in the past, and then write a short case analysis addressing the following questions:

- How do the **biological characteristics** of airborne diseases impact their transmission?
- What **strategies** have been employed? Are some strategies more effective than others? Why?

**Guidelines for Submission:** Submit assignment as a Word document with double spacing, 12-point Times New Roman font, and one-inch margins. Your paper must be 12-pages with at least three sources cited in APA format.

Critical Elements	Exemplary (100%)	Proficient (90%)	Needs Improvement (70%)	Not Evident (0%)	Value
<b>Biological Characteristics of Airborne Diseases</b>	Meets “Proficient” and supports explanation with course concepts	Explains how the biological characteristics of airborne diseases impact their transmission	Incompletely explains how the biological characteristics of airborne diseases impact their transmission	Does not accurately explain how the biological characteristics of airborne diseases impact their transmission	45
<b>Strategies for Mitigating Disease Risk</b>	Meets “Proficient” and discussion regarding strategies is particularly insightful or supported with examples, course concepts, and resources	Describes and compares the strategies employed to determine efficacy	Briefly or incompletely describes and compares the strategies employed to determine efficacy	Does not describe or compare the strategies employed to determine efficacy	45
<b>Articulation of Response</b>	Submission is free of errors related to citations, grammar, spelling, syntax, and organization and is presented in a professional and easy-to-read format	Submission has no major errors related to citations, grammar, spelling, syntax, or organization	Submission has major errors related to citations, grammar, spelling, syntax, or organization that negatively impact readability and articulation of main ideas	Submission has critical errors related to citations, grammar, spelling, syntax, or organization that prevent understanding of ideas	10
<b>Total</b>					<b>100%</b>

6-1 Min Case Analysis

PHE 510 Mitigation Mini-Case Analysis Guidelines and Rubric

[6-1 Min Case Analysis]

Prompt: Choose an example pathogen that can be transmitted by more than one source (waterborne, foodborne, vector-borne, airborne).

- Outline the **specific strategies** for preventing and controlling the pathogen based on the source of infection.
- Compare the **mitigation strategies** for the different pathogen sources.

Guidelines for Submission: Submit assignment as a Word document with double spacing, 12-point Times New Roman font, and one-inch margins. Your paper must be 1-2 pages with at least three sources cited in APA format.

Critical Elements	Exemplary (100%)	Proficient (90%)	Needs Improvement (70%)	Not Evident (0%)	Value
Strategies for Preventing and Controlling the Pathogen	Meets "Proficient" and suggested strategies are well-supported with examples and relevant resources	Outlines appropriate and specific strategies for preventing and controlling the pathogen based on the source of infection	Outlines inappropriate or incomplete strategies for preventing and controlling the pathogen based on the source of infection	Does not accurately outline strategies for preventing and controlling the pathogen based on the source of infection	45
Mitigation Strategies for the Different Pathogen Sources	Meets "Proficient" and comparison is exceptionally insightful	Compares the differences in mitigation strategies for the different pathogen sources	Briefly or incompletely compares the differences in mitigation strategies for the different pathogen sources	Does not compare the differences in mitigation strategies for the different pathogen sources	45
Articulation of Response	Submission is free of errors related to citations, grammar, spelling, syntax, and organization and is presented in a professional and easy-to-read format	Submission has no major errors related to citations, grammar, spelling, syntax, or organization	Submission has major errors related to citations, grammar, spelling, syntax, or organization that negatively impact readability and articulation of main ideas	Submission has critical errors related to citations, grammar, spelling, syntax, or organization that prevent understanding of ideas	10
<b>Total</b>					<b>100%</b>

<b>Introduction: Biology</b>	Meets "Proficient" criteria and demonstrates keen insight into the role of biology in public health	Analyzes how biology assists public health in planning, implementing, and evaluating local or global public health programs and interventions	Analyzes how biology assists public health in planning, implementing, and evaluating local or global public health programs and interventions, but response or reasoning is cursory or illogical	Does not analyze how biology assists public health in planning, implementing, and evaluating local or global public health programs and interventions	30
<b>Articulation of Response</b>	Submission is free of errors related to citations, grammar, spelling, syntax, and organization and is presented in a professional and easy-to-read format	Submission has no major errors related to citations, grammar, spelling, syntax, or organization	Submission has major errors related to citations, grammar, spelling, syntax, or organization that negatively impact readability and articulation of main ideas	Submission has critical errors related to citations, grammar, spelling, syntax, or organization that prevent understanding of ideas	5
<b>Total</b>					<b>100%</b>