

Name:	
Date:	
Class/Section:	

Performance Task Description:

Healthcare and public health occupations are increasing in Louisiana and across the nation. The ability to work with stakeholders to solve healthcare and related illness is necessary to support our community and our nation. The ability to prevent future healthcare issues through education and protection is necessary to prevent physical and mental health issues. **Healthcare occupations** are those careers that help people who are currently sick or need additional support. **Public health occupations** are those careers that work to prevent people in a community or state from getting sick and to promote physical and mental health. You and your team will investigate one of the Center for Disease Control’s seven identified major public health issues and educate your peers about the issue, common solutions, and models of prevention. You and your team will then assume the role of a healthcare or public health professional to review a patient case study and determine a model of simulated care. In doing so, you and your team will showcase the occupation, methods of treatment, and ways in which you can engage the community to educate people about the public health issue.

Goals:

- You will evaluate problems in their community and apply leadership skills to create goals that improve the lives of people or address community issues.
- You will conduct research and a simple needs assessment to determine the needs of individuals or a community.
- You will research public health issues and related healthcare or public health occupations.
- You will develop a model of simulated patient care through research and evaluation of healthcare and public health occupations and related procedures.

Essential Questions:

- What qualities and values define a good citizen?
- What types of careers help people and shape communities?
- How do your personal values and goals relate to servant leadership?

Directions:

Step 1: Investigate Public Health Issues & Presentation

- Determine team roles and responsibilities—teams can develop a team contract as necessary
- Research the Center for Disease Control’s top public health issues, choosing one of the seven public health issues identified for this unit (Alcohol; Cigarette Smoking; Heart Disease and Stroke; Motor Vehicle Crash; Nutrition, Physical Activity, and Obesity; Prescription Drugs)
- Develop a brief presentation that educates your peers about the assigned public health issue, the presentation should
 - provide an overview of the public health issue;
 - discuss the impact of the public health issue on individual people and local communities;
 - showcase common methods to educate people about the public health issue; and
 - describe successful models of community support to help address the public health issue.

Step 2: Simulate a Public Health and Healthcare Environment

- Review the provided case study related to the assigned public health issue.
- Assign roles and responsibilities for each group member, each group member will select an occupation from the provided list and assume the role of a public health or healthcare professional.

Directions:

- Research the select occupation to
 - Identify common occupational characteristics, including the level of education, average salary, type of work environment, and typical jobs functions and responsibilities
 - Reflect on how the occupation is a helping professional
- Develop a simulated method of treatment for the patient described in the case study based on your select occupation.
 - Describe the relationship that you, as the healthcare or public health professional, would have with the patient described in the case study
 - Discuss the type of treatment or support you, as the healthcare or public health professional, would provide to the patient described in the case study
- Develop a model of community engagement to educate the public about the assigned public health issue.
 - Describe how you and your team, as healthcare or public health professionals, would work with the community to prevent the public health issue
 - Develop a model of community engagement that you and your team, as healthcare or public health professionals, would implement to support people who are impacted by the public health issue

Step 3: Present your Simulated Public Health and Healthcare Solution

- Develop a presentation that showcases your work to address the public health issue.
 - Present a brief overview of the public health issue
 - Describe the case study and provide an overview of the sample patient
 - Describe each occupation associated with the case study and how the select occupations would interact with the sample patient and the type of care they would provide the patient
 - Discuss how you and your team, of healthcare and public health professionals, would work together to prevent the public health issue and work together to treat people who are impacted by the public health issue

Resources:

- Case Study: Alcohol
- Case Study: Cigarette Smoking
- Case Study: Heart Disease and Stroke
- Case Study: Motor Vehicle Crash
- Case Study: Nutrition, Physical Activity, and Obesity
- Case Study: Prescription Drugs
- Project Schedule Template
- Team Contract Template
- Project Evaluation Template

Case Study: Alcohol

According to the Center for Disease Control, excessive alcohol use leads to approximately 22,000 deaths per year and shortens the lives of individuals by an average age of 30 years. Additionally, excessive drinking is responsible for 1 in 10 deaths among working age adults (20-64 years) and costs the United States approximately \$200 million per year in related healthcare expenses. See [here](#) for more information.

Directions: As a team of healthcare and public health professionals, you will work together to help address public health issues at both the individual and community levels. This includes working together to provide support for a simulated patient who is impacted by a public health issue and developing a community-based strategy that helps to prevent the public health issue. An outline of the case study is provided below.

- Review the list of occupations related to the case study. Select an occupation that is of interest. Each group member will then assume the role of the select occupation in helping to address the public health issue and provide support for the patient described in the case study.
- Review the case study and profile of the simulated patient. Research the select public health or healthcare occupation to identify common occupational characteristics, including the level of education, average salary, type of work environment, and typical jobs functions and responsibilities. Develop a three or four sentence reflection on how the occupation is a helping professional.
- Work individually to develop a simulated method of treatment for the patient described in the case study. The treatment method should describe the relationship that you, as the healthcare or public health professional, would have with the patient and the type of treatment or support you would provide to the patient. Discuss your model of treatment with your team.
- Work as a team to develop a model of community engagement that describes how you and your team, as healthcare or public health professionals, would work with the community to prevent the public health issue. Record you method to engage the public and prevent the public health issue.
- Work as a team to develop a model of community engagement that supports people who are impacted by the public health issue. This can include how you and your team, as healthcare or public health professionals, would work together to support individuals impacted by the public health issue and how the services and supports you provide are complementary.
- Work as a team to develop a multimedia presentation that follows the outline provided in the PT 4 design brief.

Related Occupation Title	Student Name
1. Addiction Counselor or Substance Abuse Counselor	



2. Occupational Therapy Practitioner	
3. Psychiatrist	
4. Social Worker or Case Manager	
5. Community Health Worker	

Case Study Profile Alcohol

Patient Name	Joe Joesecca
Age	52
Gender	Male
Employment Status	Not employed
Medical Symptoms	<ul style="list-style-type: none"> ● High blood pressure ● Stomach problems/issues ● Inability to eat and maintain weight ● Tremors and shaking of the hands ● Profuse sweating ● Insomnia ● Poor balance and delayed reflexes
Mental Health Symptoms	<ul style="list-style-type: none"> ● Anxiety ● Extreme agitation ● Inability to maintain employment

Occupation Research and Reflection

Occupation Title	
Level of Education	
Average Salary	
Work Environment	
Job Functions and Responsibilities	
How does this occupation relate to a helping professional?	

Simulated Method of Treatment

How do the select occupation and patient work together?	
What type of treatment or support is typically provided to the patient to help resolve the medical or mental health issue?	



Based on your select occupation, what type of treatment or support would you recommend to the patient?	
How does your recommended treatment or support relate to the recommended care that your team will also provide?	

Model of Community Engagement

How are the roles and responsibilities of the healthcare and public health occupations similar and different?	
What type of role does each of the healthcare and public health occupations have in working with the community?	
How would your team recommend that healthcare and public health professionals work to help educate the community about the public health issue?	
How would your team recommend that healthcare and public health professions work to prevent the assigned public health issue?	

Case Study: Heart Disease and Stroke

According to the Center for Disease Control, heart disease and strokes and other related illness kill more than 600,000 people per year, which translates to 1 out of every 4 deaths and 1 out of every 2 deaths for men. Further, heart disease is the leading cause of death for most racial/ethnic groups and costs the United States about \$200 billion per year in related healthcare expenses. See [here](#) for more information.

Directions: As a team of healthcare and public health professionals, you will work together to help address public health issues at both the individual and community levels. This includes working together to provide support for a simulated patient who is affected by a public health issue and developing a community-based strategy that helps to prevent the public health issue. An outline of the case study is provided below.

- Review the list of occupations related to the case study. Select an occupation that is of interest. Each group member will then assume the role of the select occupation in helping to address the public health issue and provide support for the patient described in the case study.
- Review the case study and profile of the simulated patient. Research the select public health or healthcare occupation to identify common occupational characteristics, including the level of education, average salary, type of work environment, and typical jobs functions and responsibilities. Develop a three or four sentence reflection on how the occupation is a helping professional.
- Work individually to develop a simulated method of treatment for the patient described in the case study. The treatment method should describe the relationship that you, as the healthcare or public health professional, would have with the patient and the type of treatment or support you would provide to the patient. Discuss your model of treatment with your team.
- Work as a team to develop a model of community engagement that describes how you and your team, as healthcare or public health professionals, would work with the community to prevent the public health issue. Record you method to engage the public and prevent the public health issue.
- Work as a team to develop a model of community engagement that supports people who are impacted by the public health issue. This can include how you and your team, as healthcare or public health professionals, would work together to support individuals impacted by the public health issue and how the services and supports you provide are complementary.
- Work as a team to develop a multimedia presentation that follows the outline provided in the PT 4 design brief.

Related Occupation Title	Student Name
1. Surgical Technician	
2. Registered Nurse	
3. Medical Doctor	
4. Physician Assistant	

5. Social Worker	
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Case Study Profile Heart Disease and Stroke

Patient Name	Bill Billstein
Age	58
Gender	Male
Employment Status	Employed
Medical Symptoms	<ul style="list-style-type: none"> • High blood pressure • Shortness of breath • Nausea • Irregular heartbeat • Chest discomfort • Profuse sweating • Often dizzy or lightheaded • Snores while sleeping
Mental Health Symptoms	<ul style="list-style-type: none"> • Anxiety • Prone to depression • High stress work environment

Occupation Research and Reflection

Occupation Title	
Level of Education	
Average Salary	
Work Environment	
Job Functions and Responsibilities	
How does this occupation relate to a helping professional?	

Simulated Method of Treatment

How do the select occupation and patient work together?	
What type of treatment or support is typically provided to the patient to help resolve the medical or mental health issue?	
Based on your select occupation, what type of	



treatment or support would you recommend to the patient?	
How does your recommended treatment or support relate to the recommended care that your team will also provide?	

Model of Community Engagement

How are the roles and responsibilities of the healthcare and public health occupations similar and different?	
What type of role does each of the healthcare and public health occupations have in working with the community?	
How would your team recommend that healthcare and public health professionals work to help educate the community about the public health issue?	
How would your team recommend that healthcare and public health professions work to prevent the assigned public health issue?	

Case Study: Motor Vehicle Crash

According to the Center for Disease Control, motor vehicle crashes are responsible for more than 32,000 deaths per year and more than 2 million injuries. One out of every 3 crashes in the United States is the result of alcohol or substance abuse and 1 out of every 3 crashes involves speeding or driving while distracted (e.g. texting). Further, motor vehicle crashes cost the United States approximately \$871 billion per year in related healthcare expenses. See [here](#) for more information.

Directions: As a team of healthcare and public health professionals, you will work together to help address public health issues at both the individual and community levels. This includes working together to provide support for a simulated patient who is impacted by a public health issue and developing a community-based strategy that helps to prevent the public health issue. An outline of the case study is provided below.

- Review the list of occupations related to the case study. Select an occupation that is of interest. Each group member will then assume the role of the select occupation in helping to address the public health issue and provide support for the patient described in the case study.
- Review the case study and profile of the simulated patient. Research the select public health or healthcare occupation to identify common occupational characteristics, including the level of education, average salary, type of work environment, and typical jobs functions and responsibilities. Develop a three or four sentence reflection on how the occupation is a helping professional.
- Work individually to develop a simulated method of treatment for the patient described in the case study. The treatment method should describe the relationship that you, as the healthcare or public health professional, would have with the patient and the type of treatment or support you would provide to the patient. Discuss your model of treatment with your team.
- Work as a team to develop a model of community engagement that describes how you and your team, as healthcare or public health professionals, would work with the community to prevent the public health issue. Record you method to engage the public and prevent the public health issue.
- Work as a team to develop a model of community engagement that supports people who are impacted by the public health issue. This can include how you and your team, as healthcare or public health professionals, would work together to support individuals impacted by the public health issue and how the services and supports you provide are complementary.
- Work as a team to develop a multimedia presentation that follows the outline provided in the PT 4 design brief.

Related Occupation Title	Student Name
1. Paramedic	
2. Surgeon	
3. Emergency Medical Technician	



4. Speech Language Pathologist	
5. Physical Therapist	

Case Study Profile Motor Vehicle Crash

Patient Name	Bobby Wobstan
Age	35
Gender	Male
Employment Status	Employed
Medical Symptoms	<ul style="list-style-type: none"> • Headaches • Neck and shoulder pain • Numbness • Often dizzy or lightheaded • Nausea • Lack of energy • Broken leg, set at scene of accident, required surgery • Head trauma, slurred speech
Mental Health Symptoms	<ul style="list-style-type: none"> • Post traumatic stress • Required to speak/interact with clients at work • Required to travel at work

Occupation Research and Reflection

Occupation Title	
Level of Education	
Average Salary	
Work Environment	
Job Functions and Responsibilities	
How does this occupation relate to a helping professional?	

Simulated Method of Treatment

How do the select occupation and patient work together?	
What type of treatment or support is typically provided to the patient to help resolve the medical or mental health issue?	
Based on your select	



Unit 5: Superheroes in My Community
Performance Task 4: Public Health and Healthcare Careers
Student Resource

occupation, what type of treatment or support would you recommend to the patient?	
How does your recommended treatment or support relate to the recommended care that your team will also provide?	

Model of Community Engagement

How are the roles and responsibilities of the healthcare and public health occupations similar and different?	
What type of role does each of the healthcare and public health occupations have in working with the community?	
How would your team recommend that healthcare and public health professionals work to help educate the community about the public health issue?	
How would your team recommend that healthcare and public health professions work to prevent the assigned public health issue?	

Case Study: Nutrition, Physical Activity, and Obesity

According to the Center for Disease Control, 7 of the top 10 leading causes of death are due to chronic diseases and treating people with chronic disease. Chronic diseases are often related to personal health, eating habits, physical activity, and obesity. Approximately 1 out of every 5 children and 1 out of every 3 adults in the United States struggles with obesity. Further, obesity costs the United States approximately \$147 billion per year in related healthcare expenses and expenses related to treatment of chronic diseases account for 86% of all healthcare costs in the United States. See [here](#) for more information.

Directions: Review the list of occupations related to the case study below. Select an occupation that is of interest. Review the case study and profile of the simulated patient. Research the select public health or healthcare occupation. Assume the role of the select occupation to develop a method(s) of treatment for patient described in the case study and ways in which the select occupation engages the public to help prevent the public health issue.

Related Occupation Title	Student Name
1. Health/Wellness Educator	
2. Pediatrician	
3. Dietitian/Nutritionist	
4. Healthcare Social Worker	
5. Behavioral Counselor	

Case Study Profile Nutrition, Physical Activity, and Obesity

Patient Name	Sarah Cellbook
Age	14
Gender	Female
Employment Status	Not employed
Medical Symptoms	<ul style="list-style-type: none"> ● Breathlessness ● Feeling tired ● Back and joint pain ● Often dizzy or lightheaded ● Lack of energy ● Overweight
Mental Health Symptoms	<ul style="list-style-type: none"> ● Anxiety ● Prone to depression ● Low confidence and self-esteem

Occupation Research and Reflection

Occupation Title	
Level of Education	



Average Salary	
Work Environment	
Job Functions and Responsibilities	
How does this occupation relate to a helping professional?	

Simulated Method of Treatment

How do the select occupation and patient work together?	
What type of treatment or support is typically provided to the patient to help resolve the medical or mental health issue?	
Based on your select occupation, what type of treatment or support would you recommend to the patient?	
How does your recommended treatment or support relate to the recommended care that your team will also provide?	

Model of Community Engagement

How are the roles and responsibilities of the healthcare and public health occupations similar and different?	
What type of role does each of the healthcare and public health occupations have in working with the community?	
How would your team recommend that healthcare and public health professionals work to help educate the community about the public health issue?	
How would your team recommend that healthcare and public health professions work to prevent the assigned public health issue?	

Case Study: Prescription Drugs

According to the Center for Disease Control, prescription drug abuse and overdoses, particularly opioids, have tripled in the last 10 years. Approximately 16,000 people per year overdose or are killed from related prescription drug abuse. Prescription drug abuse impacts nearly all aspects of society including employment, where 25% of costs associated with workers compensation claims are related to narcotic prescriptions. Further, prescription drug abuse costs the United States approximately \$78.5 billion per year in related healthcare expenses. See [here](#) for more information.

Directions: As a team of healthcare and public health professionals, you will work together to help address public health issues at both the individual and community levels. This includes working together to provide support for a simulated patient who is impacted by a public health issue and developing a community-based strategy that helps to prevent the public health issue. An outline of the case study is provided below.

- Review the list of occupations related to the case study. Select an occupation that is of interest. Each group member will then assume the role of the select occupation in helping to address the public health issue and provide support for the patient described in the case study.
- Review the case study and profile of the simulated patient. Research the select public health or healthcare occupation to identify common occupational characteristics, including the level of education, average salary, type of work environment, and typical jobs functions and responsibilities. Develop a three or four sentence reflection on how the occupation is a helping professional.
- Work individually to develop a simulated method of treatment for the patient described in the case study. The treatment method should describe the relationship that you, as the healthcare or public health professional, would have with the patient and the type of treatment or support you would provide to the patient. Discuss your model of treatment with your team.
- Work as a team to develop a model of community engagement that describes how you and your team, as healthcare or public health professionals, would work with the community to prevent the public health issue. Record your method to engage the public and prevent the public health issue.
- Work as a team to develop a model of community engagement that supports people who are impacted by the public health issue. This can include how you and your team, as healthcare or public health professionals, would work together to support individuals impacted by the public health issue and how the services and supports you provide are complementary.
- Work as a team to develop a multimedia presentation that follows the outline provided in the PT 4 design brief.

Related Occupation Title	Student Name
1. Behavioral Health Therapist	
2. Community Health Workers	
3. Family Physician	



4. Family Therapist	
5. Alcohol and Drug Counselor	

Case Study Profile Prescription Drugs

Patient Name	Andrea Cupone
Age	42
Gender	Female
Employment Status	Not employed
Medical Symptoms	<ul style="list-style-type: none"> • Constipation • Drowsiness • Confusion • Nausea • Lack of energy • Poor coordination • Unsteady walking
Mental Health Symptoms	<ul style="list-style-type: none"> • Excessive mood swings • Poor decision making • Issues interacting with family and spouse

Occupation Research and Reflection

Occupation Title	
Level of Education	
Average Salary	
Work Environment	
Job Functions and Responsibilities	
How does this occupation relate to a helping professional?	

Simulated Method of Treatment

How do the select occupation and patient work together?	
What type of treatment or support is typically provided to the patient to help resolve the medical or mental health issue?	
Based on your select occupation, what type of treatment or support would you recommend to the patient?	
How does your recommended	



treatment or support relate to the recommended care that your team will also provide?	
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Model of Community Engagement

How are the roles and responsibilities of the healthcare and public health occupations similar and different?	
What type of role does each of the healthcare and public health occupations have in working with the community?	
How would your team recommend that healthcare and public health professionals work to help educate the community about the public health issue?	
How would your team recommend that healthcare and public health professions work to prevent the assigned public health issue?	

Case study Cigarette Smoking

According to the Center for Disease Control, cigarette and vape smoking harms nearly every organ in the human body and can cause many chronic diseases. Smoking is the cause of approximately 480,000 deaths annually, which is nearly 1 out of every 5 deaths. Further smoking causes about 9 out of every 10 deaths related to lung cancer and 8 out of every 10 deaths related to chronic pulmonary disease. Smoking costs the United States approximately \$96 billion per year in related healthcare expenses. See [here](#) for more information.

Directions: As a team of healthcare and public health professionals, you will work together to help address public health issues at both the individual and community levels. This includes working together to provide support for a simulated patient who is impacted by a public health issue and developing a community-based strategy that helps to prevent the public health issue. An outline of the case study is provided below.

- Review the list of occupations related to the case study. Select an occupation that is of interest. Each group member will then assume the role of the select occupation in helping to address the public health issue and provide support for the patient described in the case study.
- Review the case study and profile of the simulated patient. Research the select public health or healthcare occupation to identify common occupational characteristics, including the level of education, average salary, type of work environment, and typical jobs functions and responsibilities. Develop a three or four sentence reflection on how the occupation is a helping professional.
- Work individually to develop a simulated method of treatment for the patient described in the case study. The treatment method should describe the relationship that you, as the healthcare or public health professional, would have with the patient and the type of treatment or support you would provide to the patient. Discuss your model of treatment with your team.
- Work as a team to develop a model of community engagement that describes how you and your team, as healthcare or public health professionals, would work with the community to prevent the public health issue. Record you method to engage the public and prevent the public health issue.
- Work as a team to develop a model of community engagement that supports people who are impacted by the public health issue. This can include how you and your team, as healthcare or public health professionals, would work together to support individuals impacted by the public health issue and how the services and supports you provide are complementary.
- Work as a team to develop a multimedia presentation that follows the outline provided in the PT 4 design brief.

Related Occupation Title	Student Name
1. Dentist	
2. Health Educator	
3. Rehabilitation Counselor	



4. Psychologist	
5. Respiratory Therapists	

Case Study Profile Cigarette Smoking

Patient Name	Samantha Builder
Age	45
Gender	Female
Employment Status	Employed
Medical Symptoms	<ul style="list-style-type: none"> • Bad breath • Discolored or missing teeth • Emphysema • Coughing • Shortness of breath • Sore throat • Lack of energy
Mental Health Symptoms	<ul style="list-style-type: none"> • Prone to depression • Low confidence and self-esteem

Occupation Research and Reflection

Occupation Title	
Level of Education	
Average Salary	
Work Environment	
Job Functions and Responsibilities	
How does this occupation relate to a helping professional?	

Simulated Method of Treatment

How do the select occupation and patient work together?	
What type of treatment or support is typically provided to the patient to help resolve the medical or mental health issue?	
Based on your select occupation, what type of treatment or support would you recommend to the patient?	
How does your recommended treatment or support relate to	



the recommended care that your team will also provide?	
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Model of Community Engagement

How are the roles and responsibilities of the healthcare and public health occupations similar and different?	
What type of role does each of the healthcare and public health occupations have in working with the community?	
How would your team recommend that healthcare and public health professionals work to help educate the community about the public health issue?	
How would your team recommend that healthcare and public health professions work to prevent the assigned public health issue?	



Team Contract Template

Team Name

These are the terms of group conduct and cooperation that we agree on as a team.

Participation: We agree to...

Communication: We agree to...

Meetings: We agree to...



Conduct: We agree to...

Conflict: We agree to...

Deadlines: We agree to...

Team Member Signatures	

Project Schedule Template

Team Name _____

A project schedule is used to manage tasks or projects that involve multiple stakeholders. The schedule is primarily used as a communication tool so that team members are aware of each other’s actions. A project schedule is also used to help keep the project on track by mapping dates for activities and which team member will be responsible for which step(s).

Project Name:			
Team Members:			
Due Date:			
Task	Person Responsible	Due Date	Complete
			<input type="checkbox"/>



Project Evaluation Template

Team Name _____

Student Name: _____

The purpose of this evaluation is to help you identify your personal areas of strength and improvement.
Make sure you take time to truly reflect on your performance.

Team Contract	
How frequently did your team review the Team Contract schedule?	
How did your team contract help ensure your team was effective?	
Did your team revise your Team Contract? What were the revisions?	
What would you make sure your next Team Contract Contains?	
Project Schedule	
How frequently did your team review the project schedule?	
How did your team ensure that you were on-track for project completion?	
What steps did the team take when the project was off schedule?	
What would you do differently next time?	

