

# Canadian Police Knowledge Network

## Course Training Standard

**CANADIAN  
POLICE  
KNOWLEDGE  
NETWORK**



**RÉSEAU  
CANADIEN DU  
SAVOIR  
POLICIER**

**Infectious Disease and Pandemic Preparedness**

# Canadian Police Knowledge Network

## Course Training Standard

### Revision History

**Course Title:** Infectious Disease and Pandemic Preparedness  
**Date of Course Design:** May 2009  
**Date of Course Launch:** May 22, 2009

**Date of Revision:** September 25, 2009

**Name of Person  
Responsible for  
Change(s):**

**Summary of Change(s):** Text and video changes – cut to three lessons. RCMP policy edits.

**Date of Revision:**

**Name of Person**

**Responsible for**

**Change(s):**

**Summary of Change(s):**

# Canadian Police Knowledge Network

## Course Training Standard

### Course Outline/Calendar Description

**Course Title:** Infectious Disease and Pandemic Preparedness

**Delivery Method:** Online

**Course Description:** Influenza viruses are a global issue. Every year, it is estimated that 5% to 20% of the world's population is infected with an influenza virus (commonly called "the flu") and approximately half a million people die from this infection each year. New strains of influenza such as H1N1 (Swine Flu) or H5N1 (Bird Flu) are of particular concern. Global traffic, which contributes to the rapid spread of disease, coupled with a lag time for the creation of vaccines, increases the potential of these types of infections to reach pandemic status. At that stage, these infections can not only cause serious illness or death among a significant portion of the population, but also cause considerable disruption to daily activities. During such events, appropriate infectious disease control measures and self preparedness techniques are key to minimizing impact.

The Infectious Disease and Pandemic Preparedness course is designed to give the learner an overall awareness and understanding of influenza, infectious disease, and pandemic preparedness. In addition to reviewing the causes, methods of transmission, and impacts of influenza infections, this course will describe personal preparedness measures to help minimize the spread of infectious disease.

#### Course Objective(s):

- Recall a historical perspective of influenza and understand the current state of influenza infection
- Recall specific terminology related to infectious diseases and influenza pandemics
- Identify and classify influenza viruses
- Describe the methods of spreading influenza viruses
- Identify the causes of infectious diseases, epidemics, and pandemics
- Recall and explain the implications of a pandemic
- Recall and apply established methods of Infectious Disease Control
- Identify personal protective techniques to minimize the spread of infectious disease
- Recall how to use Personal Protective Equipment (PPE)

#### Evaluation Standard:

Students will complete a final assessment consisting of 20 questions. Students will have unlimited attempts to successfully pass the evaluation. Pass criteria is 80%.

**Target Audience:** This course is designed for all public service personnel.

**Duration:** 30 minutes

**Price:** \$25 + GST

**Prerequisite(s):** None

**Language(s):** English and French

**Special Notes:** None

# **Canadian Police Knowledge Network**

## **Course Training Standard**

### **Content Provider/Subject Matter Expert(s)**

#### **Content Provider(s):**

Content for this course has been provided by Respond Solutions Inc., a company that provides customized emergency training to help organizations effectively respond to and manage emergencies. Respond Solution's team is comprised of subject matter experts from all facets of professional emergency services.

#### **Subject Matter Expert: Dean Dimonte**

Dean DiMonte is the Director of Respond Solutions Inc., an innovative emergency preparedness firm comprised of field experts from all facets of emergency management. Over the past twenty years, Dean has established himself as an industry leader in emergency management and crisis response. He is a certified advanced care paramedic under the Ontario Ministry of Health with experience in both land and flight paramedicine. His practical knowledge merged with a strong skill set in educational course development has provided private and public sectors of business and government with key leadership and implementation strategies in training and emergency management.

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## Course Training Standard

### Course Evaluation Strategy

#### Evaluation Strategy

This course contains two forms of evaluation—practice activities and a final assessment.

Each practice activity provides the means for the learner to self assess, without scoring or tracking, in order to provide an environment to discover from mistakes and perfect their performance.

The final assessment provides a scorable/trackable function that assesses the learner on their overall knowledge gain. The final assessment serves two functions: it provides the learner with a pragmatic utilization of the knowledge; and provides data to the learner's organization so that it can provide the learner with additional remediation, or identify areas in the content that require critical attention and improvement.

Criteria	Practice Activities	Final Assessment
<b>Question Creation</b>	CPKN/Content Provider	CPKN/Content Provider
<b>Question Types</b>	<ul style="list-style-type: none"> <li>• Multiple Choice</li> <li>• True/False</li> <li>• Drag and Drop</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple Choice</li> <li>• True/False</li> </ul>
<b>Question Numbers</b>	Varies by lesson	20 questions asked on final assessment
<b>Feedback</b>	Correct/Incorrect	Correct/Incorrect
<b>Remediation</b>	None	Completion of final assessment will list areas that require review
<b>Tracking and Scoring</b>	None	Tracked and scored
<b>Number of Attempts</b>	Question level – 1 Module level – Unlimited	Unlimited
<b>Passing Criteria</b>	N/A	80%
<b>Reporting Requirements</b>	None	Completion and scores

# Canadian Police Knowledge Network

## Course Training Standard

### Lesson Outline

**Course Title:** Infectious Disease and Pandemic Preparedness

**Lesson Title:** Influenza

**Duration:** 10 minutes

**Lesson Objective(s):**

- Recall specific terminology related to infectious diseases and influenza pandemics
- Recall a historical perspective of influenza and understand the current state of influenza infection
- Identify and classify influenza viruses

**Lesson Topic(s):**

- Terminology
- Influenza
- History of Influenza
- Types and Classifications of Influenza Viruses
- Prevention and Treatment

**Evaluation Standard:**

- Practice Activity

**Resources Required:**

- None

**Special Notes:**

# Canadian Police Knowledge Network

## Course Training Standard

### Lesson Outline

**Course Title:** Infectious Disease and Pandemic Preparedness

**Lesson Title:** How Does Influenza Spread?

**Duration:** 10 minutes

**Lesson Objective(s):**

- Describe the methods of spreading influenza viruses
- Identify the causes of infectious diseases, epidemics, and pandemics
- Recall and explain the implications of a pandemic

**Lesson Topic(s):**

- How Does Influenza Spread?
- Causes of a Pandemic
- Implications of a Pandemic

**Evaluation Standard:**

- Practice Activity

**Resources Required:**

- None

**Special Notes:**

# Canadian Police Knowledge Network

## Course Training Standard

### Lesson Outline

**Course Title:** Infectious Disease and Pandemic Preparedness

**Lesson Title:** Infectious Disease Control and Personal Protective Techniques

**Duration:** 10 minutes

**Lesson Objective(s):**

- Recall and apply established methods of Infectious Disease Control
- Identify personal protective techniques to minimize the spread of infectious disease
- Recall how to use Personal Protective Equipment (PPE)

**Lesson Topic(s):**

- Infectious Disease Control
- Personal Protective Techniques
- Personal Protective Equipment (PPE)

**Evaluation Standard:**

- Practice Activity

**Resources Required:**

- None

**Special Notes:**

# Canadian Police Knowledge Network

## Course Training Standard

### Lesson Outline

**Course Title:** Infectious Disease and Pandemic Preparedness

**Lesson Title:** Final Assessment

**Duration:** Varies by learner

**Lesson Objective(s):**

- None

**Lesson Topic(s):**

- None

**Evaluation Standard:**

Final assessment – 20 questions

Pass criteria: 80%

Attempts: Unlimited

**Resources Required:**

- None

**Special Notes:**