

# PROJECT FIRSTLINE IS FOR YOU



PROJECT  
FIRSTLINE

CDC's National Training Collaborative  
for Healthcare Infection Prevention & Control

CS320316-A



Topic 2: Basic Microbiology and Pathogenesis of COVID-19, Part 1  
[Date of training]

# Agenda:

Introduction

The Basic Science of Viruses

Video

Reflection

Session feedback form and next steps

# Learning Objectives:

Differentiate one (1) core difference between SARS-CoV-2 and COVID-19.

Identify, and explain to others, the three (3) main parts of a virus.

# INSIDE INFECTION CONTROL

## SARS-COV-2? COVID-19? WHAT'S THE DIFFERENCE?

EPISODE 2



# INSIDE INFECTION CONTROL

## WHAT'S A VIRUS?

EPISODE 3



# REFLECTION

- Can you imagine a realistic, every-day occasion when you could practice using this job aid or explain this concept to others?

# Key Messages

- SARS-CoV-2 is the official, scientific name of the virus, the germ that causes the disease COVID-19
- COVID-19 is the name of the disease – the fever, cough, chills and other symptoms that people have when they are infected with the virus SARS-CoV-2.
- All viruses have two parts:
  - Genes that contain all the information needed to make more virus copies
  - Proteins that protect the genes and help the virus spread
- Some viruses – SARS-CoV-2 is one of them – also have a third part: an envelope made of special fats that protects the genes and proteins

# Resources and Future Training sessions

## **Project Firstline on CDC:**

<https://www.cdc.gov/infectioncontrol/projectfirstline/index.html>

## **Project Firstline on Facebook:**

<https://www.facebook.com/CDCProjectFirstline/>

## **Twitter:**

[https://twitter.com/CDC\\_Firstline](https://twitter.com/CDC_Firstline)

## **Youtube:**

# Feedback form

