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This project was supported by the Cybersecurity and IT Pathways grant from the Florida Department of Education through Cyber Florida, project number 291-1231C-2C001, funding authority 84.425C-D CRRSA ACT ESSER II 84.425D & GEER II 84.425C, FAIN#: S425C210052. More information at cyberflorida.org/pathways/

**Activity**

Information Technology Infrastructure - Spanish

MODULE 15: Networks

This **activity** was written for the Florida Public School System DIGITAL INFORMATION TECHNOLOGY (8207310) course. Funded by the Cyber/IT Pathways Program, Cyber Florida, and the Florida Department of Education.

# Module 15: Networks

## Activity: Information Technology Infrastructure

The student explores how an enterprise network infrastructure operates in a complex university environment.

## Standards Assessed

* **11.01** Demonstrate how to connect to the Internet and identify and describe web terminology, addresses and how browsers work.

## Teacher Notes

Students will watch a historical video (16 minutes and 31 seconds) recorded in 2013 by the USF Information Technology department. Although the video is old, the network concepts are relevant to today’s complex network environments.

In this two-part activity the student watches the video and takes notes. Then the student summarizes three concepts they have learned.

Many of the concepts covered in this video are complex. However, students will be able to identify several topics covered in the *Computer Networks* chapter of the accompanying textbook.

**USF IT Video: Introduction and Access Layer:** <https://www.youtube.com/watch?v=w78_OitDHiM>

## Estimated Student Completion Time

* 45 minutes to complete the activity

## Activity Rubric

Consider evaluating the student’s work based on measures of quality. For example, with a maximum of 4 Points Possible, the following could be applied to the activity:

* **1 Point Earned** = ***Needs Improvement*** (the student work did not meet more than 50% of the requirements and did not follow instructions)
* **2 Points Earned** = ***Developing*** (the student met between 50% and 75% of the requirements and generally followed the instructions)
* **3 Points Earned** = ***Sufficient*** (the student met between 75% and 90% of the requirements and clearly followed instructions)
* **4 Points Earned** = ***Above Average*** (the student met > 90% of the requirements and followed all instructions)

# Actividad: Infraestructura de Tecnología de la Información

**Instrucciones para el Estudiante**: Sigue las instrucciones para la Parte 1 y la Parte 2.

**Parte 1: Mira el video sobre la Infraestructura de USF y toma notas.**

Este video fue creado por el departamento de IT de la Universidad del Sur de Florida en 2013. Aunque el video es antiguo, todos los conceptos de Red son relevantes para los complejos entornos de red de hoy.

<https://www.youtube.com/watch?v=w78_OitDHiM>

**Parte 2: Resumen del Video**

Muchos de los conceptos cubiertos en este video son complejos. Varios de los temas se tratan en el capítulo de Redes de Computadoras

Escribe un resumen de tres conceptos que aprendiste en el video usando Microsoft Word u otra aplicación de procesamiento de texto compatible con archivos .docx. Incluye la siguiente estructura de párrafo:

* Oración principal
* 2-3 detalles
* Oración de cierre