

## Unit 3 - Submission Assignment

### Assignment Overview

**Type:** Other  
**Unit:** Tinkering With Transmission and Access  
**Due Date:** Tue, 2/5/19  
**Grading Type:** Numeric  
**Points Possible:** 200  
**Points Earned:**  
**Deliverable Length:** See assignment details

### Go To:

- **Assignment Details**
- [Learning Materials](#)
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### My Work:

Online Deliverables: None

## Assignment Details

### Assignment Description

You will create this assignment following the Assignment Detail instructions below. **This assignment will be submitted in the Unit 3 - Submission Assignment lesson in intellipath.**

Review the tutorial titled [How to Submit the Intellipath Submission Assignment](#).

Please submit your work to this week's Intellipath Unit Submission lesson. Click the Upload button within the submission lesson to access the submission area. Click the Select File button to upload your document, and then click "OK" to finish.

### Assignment Details

#### Part 1: LabSim (60 points)

Click [here](#) to refer to the instructions for the Unit 3 lab tasks.

#### Part 2 (140 Points)

These days, wireless networking is prevalent in the home, in the office, and even in public settings such as restaurants. This popularity can be attributed to ease of use and wireless protocol advancements. Devices such as tablet personal computers assume an Internet connection in their design. More and more televisions are including wireless capability. The ability to configure wireless connection devices is an essential skill for all entry-level network administrators.

Prepare a Word document of 4–6 body pages that addresses the following:

- Share whether you use Ethernet and/or Wi-Fi in your home. Describe your observations and thoughts about similarities and differences between Ethernet and wireless technologies.
- Summarize the steps necessary to set up a wireless network.
- Discuss challenges and concerns one might experience when using wireless. Share any personal experiences when using wireless in your home, at school, or in a coffee shop.
- Research and describe the vulnerabilities of the WPA2 encryption method, and suggest countermeasures that could reduce the risk exposure to an organization currently using WPA2 on its wireless devices.
- Summarize how the wireless developments over the last 5 years have impacted networking.

Be sure to reference all of your sources using APA style. Refer to the APA Style Guide found in the Library for further information.

**Reminder:** Refer to the Small Group area and the [ITCO251 Group Project Schedule](#), and work on the tasks that are defined for Unit 3. Contact your instructor with questions via e-mail, the IM feature in the classroom, or during the Live Chat or office hours.

As you collaborate with your team, keep the following in mind. Be sure to meet the team's agreed-to deadlines. Contact your instructor with any questions.

- Allocate time and resources effectively, and coordinate efforts with all affected parties.
- Acknowledge team membership and roles.
- Identify the roles of each team member.
- Encourage others to express their ideas and opinions.
- Show sensitivity to the thoughts and opinions of other team members.
- Respond appropriately to positive and negative feedback.
- Identify and draw upon team members' strengths and weaknesses to achieve results.
- Learn from other team members.
- Establish productive relationships.
- Develop constructive and cooperative working relationships with others.
- Use a group approach to identify problems and develop solutions based on group consensus.

Save an updated copy of your group's project plan to the Group Discussion Board so all team members can reference it and record their progress. Send an e-mail to contact any team members who may not have responded yet, and encourage their engagement.

**Please submit your assignment.**

**For assistance with your assignment, please use your text, Web resources, and all course materials.**

Project Criteria	Exceeds 90%–100%	Very good 80%–89%	Meets 70%–79%	Needs Improvement Below 70%

Content 75%	Response covers all topics indicated in the assignment and adds additional content.	Response covers most topics indicated in the assignment.	Response covers many of the topics indicated in the assignment.	Response covers none to some of the topics indicated in the assignment.
<p align="center"><b>Effective Communication</b> 10%</p>	<p>Demonstrates outstanding or exemplary application of written, visual, or oral skills. Demonstrates outstanding expression of topic, main idea, and purpose. Audience is addressed appropriately. Language clearly and effectively communicates ideas and content relevant to the assignment. Errors in grammar, spelling, and sentence structure are minimal. Organization is clear. Format is consistently appropriate to assignment. Presentation and delivery are confident and persuasive (where applicable). The writing was of collegiate level with no errors in spelling or grammar.</p>	<p>Demonstrates very good written, visual, or oral skills. Demonstrates sound expression of topic, main idea, and purpose. Audience is usually addressed appropriately. Language does not interfere with the communication of ideas and content relevant to the assignment. Errors in grammar, spelling, and sentence structure are present, but do not distract from the message. Organization is apparent and mostly clear. Format is appropriate to assignment, but not entirely consistent. The writing was of collegiate level with two or less errors in spelling or grammar.</p>	<p>Demonstrates acceptable written, visual, or oral skills. Demonstrates reasonable expression of topic, main idea, and purpose. Sometimes, audience is addressed appropriately. Language does not interfere with the communication of ideas and content relevant to the assignment. Errors in grammar, spelling, and sentence structure are present and may distract from the message. Organization is a bit unclear. Format is inconsistent. The writing was of collegiate level with several errors in spelling or grammar.</p>	<p>Demonstrates inadequate or partially proficient application of written, visual, or oral skills. Demonstrates inadequate or partial expression of topic, main idea, and purpose. Audience is often not addressed appropriately. Language often impedes the communication of ideas and content relevant to the assignment. Errors in grammar, spelling, and sentence structure are frequent and often distract from meaning or presentation. Organization is inadequate, confusing, and distracting. Format is inadequate and obscures meaning. The writing was less than collegiate level with numerous errors in spelling or grammar.</p>
<p align="center"><b>Supporting Analysis</b> 15%</p>	<p>Analysis exceeds minimum requirements. Sources are used to support analysis, are appropriate, and are properly referenced.</p>	<p>Basic analysis provided to support assertions. Sources are cited, appropriate, and properly referenced.</p>	<p>Limited analysis provided to support assertions. Some sources are cited, appropriate, and properly referenced.</p>	<p>No or inaccurate analysis, no sources are cited when needed, analysis or sources are not appropriate. When sources used, they are not properly referenced.</p>

## Reading Assignment

Meyers:

- Chapter 8, pages 343–396
- Chapter 13, pages 595–642
- Chapter 14, pages 380–420
- Chapter 19, 559–575

### Other Information

There is no additional information to display at this time.

### Legend

 Extra Credit     View Assignment Rubric



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