

ITCO-620 Object-Oriented Applications
Unit 1 Paper Assignment Option

This document details the option to write a paper for the Unit 1 “Individual Project” assignment instead of the posted course assignment. The grading rubric for this assignment is on the last page of this document.

Preparation

To complete this assignment, refer back to the Unit’s assigned readings and conduct additional research via the AIU Library and other sources as needed. For textbook readings, refer to the “Making a Difference” section of each assigned chapter.

As evident in the grading rubric, you will be required to demonstrate critical thinking in your paper.

Deliverable

Create a 4–6-page MS Word document following APA guidelines (first person should not be used). Write this document for a technical audience.

Research and answer the following components:

1. **Intelligent Assistants.** Research IBM’s Watson, Amazon’s Alexa, Apple’s Siri, Google’s Google Now, and Microsoft’s Cortana. Provide your analysis on they can be used to improve people’s lives and associated ethical issues.
2. **Big Data.** Research the concept of Big Data and provide an analysis of its impact on businesses and our society. Include any associated ethical issues.
3. **Internet of Things.** Research the Internet of Things and provide your analysis on it can improve people’s lives and associated ethical issues.

Note: the title and reference pages do not count toward the page length requirement.

Save your document with the course, assignment, and your name (e.g., ITCO-620-_Unit1_IP_Neo_Anderson.docx). Submit your document for grading. Refer to the grading rubric for criteria your instructor will use to grade your submission.

Grading Rubric – Unit 1 IP (Paper)

Criteria	Meets Standard	Possible Points
Intelligent Assistants	Includes an extensive description and analysis.	20
Big Data	Includes an extensive description and analysis.	20
Internet of Things	Includes an extensive description and analysis.	20
Critical Thinking	Assignment demonstrates critical thinking in one or more of the following ways: <ul style="list-style-type: none">• Demonstrate justified positions• Generating original thought• Conclusions based on analysis• Evaluation of key concepts• Synthesis of ideas• Or other higher order thinking skills	35
APA	Title and reference pages are included. Paper, citations, reference pages, and sources are formatted in current APA style (0-1 errors). Body of paper is 4-6 pages.	15
Grammar, Spelling, and Mechanics	Correct grammar, spelling, and mechanics are used throughout the assignment. There are 0-1 errors in grammar or spelling that distract the reader from the content.	15
Total		125