IM665 Assignment One

Due: First day of class, January 5, 2016

Read Chapter One and Chapter Two in the class text. Provide a written response to the following questions. Paragraph or bulleted answers are appropriate. Be prepared to discuss your answers in the classroom discussion.

1. What is the Cloud and why should you care?
2. Briefly discuss why using your own personal device (smart-phone, tablet, laptop) for business purposes is risky for both you and the company you work for.
IM665-Managing IT Communications

Course Syllabus
Winter Trimester, 2016

Class Start Date: January 5, 2016
Time: Tuesday, 6:00-9:20
Credits: Three (3) Credit Hours
Prerequisites: BU661 or equivalent course work/work experience
Textbook: Business Data Networks and Security, 10th Ed.

Instructor: Daniel Fluke, PhD
Email Contact: Daniel.Fluke@avila.edu
Phone: 816-868-1987

Course Description: From the catalogue- “Managerial use of computer networks to improve organizational efficiency and gain competitive advantage in the global marketplace. Project management to assess network requirements and network selection emphasizes strategic planning in the decision process.”

Learning Objectives

- Describe and evaluate the computer network as part of an organization’s strategic plan.
- Identify and describe the wide range of network applications in business.
- Understand data networking and its potential application in a competitive business environment.
- Describe the key principles and components required to support wide area networking and local area networking applications in business.
- Apply tools and techniques for analyzing and assessing computer network opportunities.
- Analyze opportunities and formulate strategies for sustaining organizational success in terms of achieving goals and making strategic decisions in a business setting.
- Evaluate the data network requirements for business.
- Understand the costs associated with building and maintaining a data network.
- Describe the relationship between business strategic direction, potential network architecture and software requirements.
- Explain the functions and requirements of network management, systems administration and security.
- Discuss emerging and future network applications and their implications for business opportunities.
- Demonstrate the ability to communicate professionally in an organizational setting via written, oral and technological means. Evaluation: This will be evaluated through the submission of a written paper discussing a topic relating to data networking and security.
Methodology

- Read and discuss text material
- Apply concepts learned to classroom discussion.
- Papers
- Lecture
- Discussion of current and emerging technologies in IT communications
- Exams

Grading Requirements

- One Quiz’s worth 50 points (50 points total) covering Chapters 1 and 2
- 8 Quiz’s worth 25 points each (200 points total), each covering one chapter
- One final exam at 200 points (200)
- One paper and presentation at 300 points (300)
- Participation at 15 points per week for 10 weeks (150)
- Total=900 points total

Quizzes:
There will be nine quizzes throughout the semester. The first Quiz will cover two chapters, all others cover one chapter. These are multiple choice or true/false questions. All questions are directly related to the chapters.

Exams:
There will be one Final Exam. These are multiple choice or true/false questions. All questions are directly related to the chapters.

Papers:
Each student will be required to complete one – fifteen page (minimum) paper of topics related to IT communications as well as provide a five minute presentation of the paper to the class. This paper should include some practical application to your place of employment or an area of interest. The topics must be approved by the instructor, but the instructor will be happy to provide suggestions or assist students in finding journal articles. At least three credible references must be used for each paper.

Participation:
Participation is one of the most important components of your class. Each class will be devoted to covering the assigned readings, case studies and hands on experiences. The more a student participates, the more fun the class will be and the more knowledge the student will gain.
Acceptable Use of References:
References are a key component of the learning process. There are many sources for references, some more credible than others. It is always best to use credible sources to support your papers and the case study. The use of Wikipedia has become a very popular source for information as it is quick and easy to access. However, the sources of the information presented are not always known. This is not considered an acceptable source for academic work and will not be accepted as a reference for any of the work in this class. When possible, use peer reviewed sources.

Grading Scale:
90-100%=A 810 to 900 points
80-89%=B 720 to 809 points
70-79%=C 630 to 719 points
60-69%=D 540 to 629 points
<59%=F 539 or fewer points

Course Policies:
• Assigned Reading: Students are expected to read the chapters that will be covered during class beforehand.
• Attendance: A significant portion of your participation grade will be based on attendance. Many of the concepts covered in class build upon each other and significant learning is expected from class discussion. Regular class attendance will benefit all students and is expected.
• Late Assignments: All assignments will be given a due date. The material is due at that time with limited exceptions. Issues related to personal or job-related schedule conflicts should be discussed with the instructor in advance.
• Make-up Exams: If a student will be unable to attend class on an exam night, he/she should contact the instructor as soon as possible. Dates of the exams are provided on this syllabus in order to provide the maximum amount of time possible to make any arrangements necessary. If a student does contact the instructor about a make-up exam, another time will be scheduled and a substitute, equivalent test will be provided.
• Papers are to be delivered in both Paper and electronic formats. If additional materials are used as part of the class presentation (such as Microsoft PowerPoint slides etc.) these should be delivered electronically as well.
• Anything not addressed here will be governed by Avila school policies.

Cheating and Plagiarism Policy
The policy of Avila University concerning cheating and plagiarism will be strictly followed in this class. In short, no form of cheating and/or plagiarism will be tolerated.
Class Schedule:

01/05/2015
Introductions
Cover Chapters 1 & 2 – Welcome to the Cloud and Network Standards
Discuss organization and assignments

01/12/2015
Quiz on Chapters 1 and 2
Cover Chapter 3 - Network Security

01/19/2015
Quiz on Chapter 3
Cover Chapter 4 – Network and Security Management
Assignments for Paper

01/26/2015
Quiz on Chapter 4
Cover Chapter 5 – Ethernet Switched LANs

02/02/2015
Quiz on Chapter 5
Cover Chapter 6 – Wireless LANs - 1

02/09/2015
Quiz on Chapter 6
Cover Chapter 7 - Wireless LANs - 2

02/16/2015
Quiz on Chapter 7
Cover Chapter 8 – TCP/IP Internetworking - 1

02/23/2015
Quiz on Chapter 8
Cover Chapter 9 - TPC/IP Internetworking - 2

03/01/2015
Quiz on Chapter 9
Cover Chapter 10 – Carrier Wide Area Networks
03/08/2015
Quiz on Chapter 10
Cover Chapter 11 - Networked Applications
Delivery of Papers and Class Presentation

03/15/2015
Final Exam