Tentative SYLLABUS
(vSP16)
Course: CIT 472 – Advanced Telecommunications I
Faculty: Johnny Maynard

Course Description

This course examines strategies for planning, designing and implementing wireless networks including Wi-Fi ad hoc networks, hybrid wireless, etc. as part of an overall organizational network strategy. The course also provides students with the conceptual knowledge and hands-on skills needed to work with wireless technology in a network administration environment.

Topics and Objectives

- Explain basic wireless data network concepts.
- List and explain the details for planning and designing wireless data networks.
- Perform wireless data networking packet capture activities and site surveys.
- Discuss the functions of specific TCP/IP protocols as they relate to wireless data.

Welcome!

Welcome to the *CIT 472: Advanced Telecommunications I course*! My name is Johnny Maynard, and I am anticipating a rewarding and fun experience for all of us with the primary focus of exploring fundamental concepts in wireless networking technologies. Topics include planning, designing, installing, securing, and configuring wireless LANs.

Class Location/Times

This class is delivered in an online format. Because it contains a significant number of online assignments, it will be necessary for students to have access to reliable Internet connections. The class is available at the following website:
https://blackboard.wku.edu.

Required Material(s):
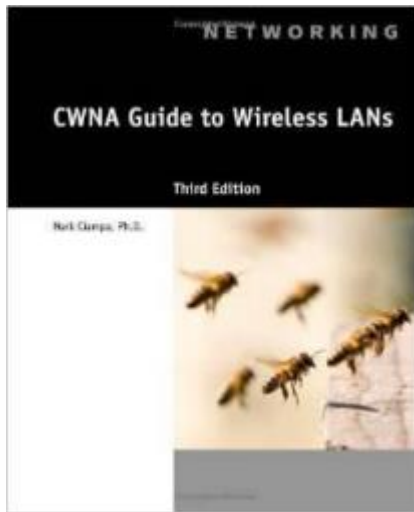
CWNA Guide to Wireless LANs, 3rd Edition
Author: Mark Ciampa
Publisher: Course Technology, Cengage Learning ©2013
ISBN-13: 9781133132172
ISBN-10: 1133132170

Where to buy:
WKU Bookstore OR other vendors.

**This textbook is available in both print and online formats.

Instructor Information
Name: Johnny Maynard
Email: johnny.maynard@wku.edu

Attendance Policy

Because this is an online course there is no classroom attendance requirement. However, I strongly encourage you to remain actively involved in this course. Some suggestions for doing this are: 1) check your WKU email and Blackboard regularly for course announcements and information; 2) stay abreast of all due dates as they are added to the course schedule on Blackboard; 3) contribute regularly and effectively to the online discussions; 4) complete all work on time and to the very best of your ability.

Instructor Feedback

In general, I will attempt to grade assignments in a timely manner. Grades will be available through our Blackboard course Gradebook. Depending on the assignment, I will provide some form of feedback within the Blackboard Gradebook. Some assignments will have a rubric provided, and that will be used as feedback.

If you have any concerns regarding your assignment grades, please email me ASAP.

Non-Graded Assignments

Some activities that you will complete during the course are ungraded or carry no point value (like reading assignments). However, it is very important that you complete these activities. Non-completion of these activities may negatively impact your graded work.

Incompletes

All incomplete requests must follow school guidelines. Refer to the University Catalog.

Extra Credit

There is <u>no</u> extra credit or make-up work as the class assignments reflect what is required for successful completion of this course.

Academic Standards

I expect all students to support the same respect for individuals, commitment to issue and problem resolution, and open communication and feedback as in any learning environment.

 Specifically, all students are expected to:
- Accept responsibility and accountability for all use actions and content posted to any online classroom, public meeting or personal inbox (email).
- Maintain the same ethical standards expected in a collaborative, academic environment.
- Demonstrate respect for all faculty, students, and staff regardless of age, race, gender, religion, national origin, veteran's status, disability, or sexual orientation.

In the online environment, the following will not be tolerated:
- Harmful, threatening, libelous, or abusive content
- Profanity of any kind
- Copyright infringement or violation of patent, trademark, proprietary information, or confidentiality agreements
- Misrepresentation of identity through alteration of inbox (email) names
- Posting unsolicited advertisements to public meetings or private inboxes (no spamming)
- Transferring computer viruses, intentionally or unintentionally, or other code that disrupts or interferes with other users' use of the online environment or personal computers, systems, or networks.

Honesty

I highly value academic honesty. A student must always submit work that represents his or her original words or ideas. If any words or ideas are used that do not represent the student's original words or ideas, then the student must cite all relevant sources. The student should also make it clear the extent to which such sources are used.

Words or ideas that require citation include, but are not limited to, all hardcopy or electronic publications, whether copyrighted or not, and all verbal or visual communication when the content of such communication clearly originates from an identifiable source.

All submissions to any public meeting or private mailbox fall within the scope of words and ideas that require citations if used by someone other than the original author.

Academic dishonesty in an Online learning environment could involve the following:

- Having a tutor or friend complete a portion of your assignments
- Having a reviewer make extensive revisions to an assignment
- Copying work submitted by another student to a public class meeting
- Using information from on-line information services without proper citation

Any of these practices could result in charges of academic dishonesty. Sanctions range from failing assignment or class grades to expulsion.

I consider academic honesty a very serious issue. I have, and will fail students that I discover are not adhering to the above guidelines.

Class Navigation
Go to WKU's Blackboard site: (http://blackboard.wku.edu), and follow the login instructions (usually available by the first day of class). This site will be the primary means for quizzes, grades, announcements, exam and homework scores, reading materials, discussions, and other supplemental course information that you will need. Please be sure and check this site regularly.

Computer Access
This class requires each student to make use of several software packages, various other software tools and the Internet. All required resources are available either in the general Student Computer Labs across campus, on WKU Extended campuses, and typically, at public libraries. Lack of hardware, software and Internet connectivity at home to complete any assignment is not an acceptable reason for not completing work. You may work from any location you prefer (home, work, etc…), but you will need access to Microsoft Office software.

Technology Issues

School servers are unavailable from time-to-time. Accordingly, I will accept emailed assignments to my personal mailbox for time-stamping purposes only. However, once Blackboard is available to you, in order to receive a grade, the assignment must be posted to the designated discussion board or drop box as detailed in this syllabus.

Also, from time to time the Blackboard system will lock-up during a quiz or exam. If this happens, please contact me as soon as possible. I can only reset the exam, which means you will have to take it over (this includes final exams). If you wait until the last minute to take an exam, you may not be able to reset due to time limitations.

For comments about technology issues (for example, Blackboard problems), please contact the Vice President of Information Technology (see http://www.wku.edu/infotech/index.php?page=VP).

Late Assignments

It is critical that you are timely in submitting the assignments. Since all assignments are made available before they are due, no late work will be accepted for any reason.

Cancellations

If you are dropped for any reason (lack of payment, etc.), your access to Blackboard may be terminated. In this event you will **NOT** be permitted to make up on-line course assignments/activities during the time you lost access to Blackboard.

Student Disability Services

Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services, Room 445, Potter Hall. The OFSDS telephone number is (270) 745-5004 V/TDD.

Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.

Schedule Exceptions

I will not approve any schedule exceptions.