

## Course Syllabus

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NOTE: This syllabus is subject to change during the semester. Please check this syllabus on a regular basis for any updates.

**Department** :Computer Information Sciences

**Course Title** :Fundamentals of Wireless LANs

**Section Name** :ITNW1351.513

**Start Date** :August 27, 2012

**End Date** :December 8, 2012

**Modality** :Face to Face and Black Board

**Credits** : (3-1) 3 hours

## Instructor Information

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**Name** : Jon Calder

**OC Email** : jcalder@odessa.edu

**OC Phone #** : (432)335-6346

**Cell Phone#** : (432)556-5955

## Course Description

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Design, plan, implement, operate, and troubleshoot Wireless Local Area Networks (WLANs). Includes WLAN design, installation, and configuration; and WLAN security issues and vendor interoperability strategies.

## Prerequisites/Co-requisites

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Prerequisite: ITNW 1325 or consent of instructor.

## ICOs

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**1, 2, 3, 4, 6**

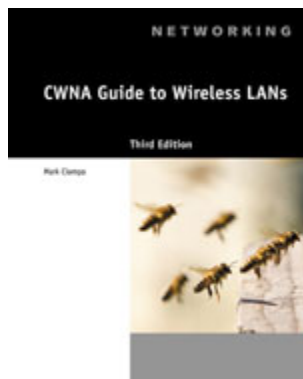
## **Course Objectives**

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Explain wireless technologies, topographies, and standards; design, install, configure, monitor, maintain, and troubleshoot wireless networks; and implement wireless security using encryption, MAC filtering, Authentication, Authorization, and 802.1x technologies.

## **Required Readings/Materials**

1. Computer with Internet access (Labs are provided)
2. Word processor
3. Following reading material:



- **CWNA Guide to Wireless LANs, 3rd Edition**
- **Mark Ciampa** Western Kentucky University
- **ISBN-10:** 1133132170
- **ISBN-13:** 9781133132172
- 514 Pages Paperback
- Previous Editions: 2006, 2001
- ©2013 Published

## **Course Requirements (Lectures, Assignments and Assessments)**

See grading policy below.

## Grading Policy

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### COURSE REQUIREMENTS:

ALL STUDENTS ARE EXPECTED TO:

1. Take all exams and complete all homework.
2. Complete all lab projects.

### WEIGHT OF COURSE REQUIREMENTS:

Chapter Exams	35%
Attendance score	15%
MidTerm	15%
Final Exam	15%
Assignments	20%

### METHOD OF EVALUATION:

The general weighting of exams, assignments, and final exam for the Final grade in this particular course are:

Exams& Quizzes:	35%	A: 90 - 100
Assignments:	20%	B: 80 - 89
Attendance:	15%	C: 70 - 79
MidTerm:	15%	D: 60 - 69
Final Exam:	15%	F: 0 - 59

NOTE: ALL ASSIGNMENTS FOR THE ENTIRE SEMESTER ARE POSTED ON THE CLASS WEBSITE. ALL QUIZZES AND LAB TEST DATES WILL BE ANNOUNCED ON THE CLASS WEBSITE.

## ATTENDANCE POLICY

Attendance will be recorded and you will be graded every class day. You will receive a grade of 100 for being present, 80 for an excused absence, and a grade of 0 for an unexcused absence. If you are enrolled in a web class, your attendance grade comes from the discussion board.

## COURSE REQUIREMENT DEADLINES

Credit will be given for ONLY those exams completed on exam days, and homework, and projects completed and turned in by the announced deadlines, unless prior arrangements have been made with and approved by the instructor. Zeros (0) will be recorded for any work for which arrangements have not been approved!!

- There are NO make-up exams, UNLESS you have made prior arrangements with me.

## IMPORTANT NOTE

It is the policy of this instructor to help you complete this course. If you believe that you cannot complete this class due to medical, family, financial, social, or job related problems or conflicts, you should see me to discuss your options.

## ACADEMIC ETHICS:

You are expected to create, edit format and print out your own assignments, take tests without outside assistance. ALL WORK IS EXPECTED TO BE YOUR OWN.

If unethical behavior is detected:

WITH YOUR FIRST OFFENSE, YOU WILL RECEIVE ZEROS FOR THE ENTIRE CHAPTER AND the LAB TEST for that chapter.

WITH YOUR SECOND OFFENSE, YOU WILL BE KICKED OUT OF THE CLASS WITH A FINAL GRADE OF "F," NO QUESTIONS ASKED.

## Special Needs

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Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss our concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

## Learning Resource Center (Library)

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The Library, known as the [Learning Resources Center](#), provides research assistance via the [LRC's catalog \(print books, videos, e-books\)](#) and [databases \(journal and magazine articles\)](#). [Research guides](#) covering specific subject areas, [tutorials](#), and the "[Ask a Librarian](#)" service provide additional help.

## Student E-mail

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Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All correspondence will be submitted using your Odessa College email.**

## Student Portal

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Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All correspondence will be submitted using your Odessa College email.**

## Technical Support

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For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at [https://www.odessa.edu/dept/ssc/helpdesk\\_form.htm](https://www.odessa.edu/dept/ssc/helpdesk_form.htm).

## Important School Policies

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For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or student's and instructors' right to academic freedom can be found in the [Odessa College Student Handbook](#).

**What to Expect from the Instructor on timely Grading.**

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Within a week of an assignment being due you should have a grade within the online grade book on Black Board. If for some reason you do not have a grade posted immediately contact me via email. There could be a problem with the assignment that requires immediate attention.

**Student Evaluations of the course/ instructor**

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The SEI process for both face-to-face and online courses is scheduled for the week of November 26<sup>th</sup>.