



## Information Security Course Outline and Syllabus

### Instructor

**Name:** Dr.Eng. Mohammad AbdulateefAlAhmad  
**Office:** Computer Teacher Department Room# 06, Boys Building #19, Second Floor, Ardiya.  
**Office hours:** By appointment only  
**Email:** [malahmads@yahoo.com](mailto:malahmads@yahoo.com)  
**Website:** [www.alahmad.biz](http://www.alahmad.biz)

### Required Textbooks:

Basic Classical and Modern Cryptography by Mohammad AlAhmad, Check “alahmad.biz” site in Announcements section to find out where you can buy the textbook.

### Course Description:

This course focuses on the fundamentals of information security that are used in protecting both the information presenting in computer storage as well as information traveling over computer networks. In this course, students will look into such topics as fundamentals of information security and history, computer security technology and principles, security management and access control, classical and modern cryptography algorithms. By the end of this course, students will be able to describe major information security and cryptography issues and trends, and can be in the position to advise an individual seeking to protect his/her data.

### Homework:

Homework assignments are not mandatory "your grade will not be affected if you do not do homework assignments". But solving Homework assignments will help you to get a good grade in the course "trust me on this". Late Homework will not be accepted after the due date.

### Examinations:

There will be one midterm and one final examination. All exams will be closed book. Any additional handouts will be supplied before the exam.



### **Quizzes:**

There will be three quizzes in this class. After finishing two chapters a quiz will be given. If you miss a quiz there is NO MAKE-UP quiz.

### **General Rules:**

- If you miss a lecture, you will be responsible to cover the material that you missed.
- There will be NO MAKE-UP exams, except for excused letter provided by the department supervisor.
- Any student enters the class after the instructor entered, will be counted as a late entry and will miss 0.5 of the attendance.

### **Presentation:**

There will be a presentation on this class. Every student will present some materials in the class. You will be suggested with some topics to choose from.

### **Bonus Questions:**

There are questions during lectures, depending on the question level, you be granted 1/4, 1/2 or 1 point. Late on, you will add this point to you quiz grade to get better grade.

GOOD LUCK.

### **The Gold Key:**

Attendance, listening to the lecture, NO side talk during instructor explanation, asking about the lecture and solving homework questions, is the Gold Key. You will get my attention and pass the course with a good grade.

### **Grading:**

Final Exam	%40
Midterm	%25
Quizzes	%15
Presentation	%10
Homework	%5
Class work	%5



**Time Table:**

Week Number	Week by Date	Content
1	Feb 12	Introduction + Chapter 1
2	Feb 19	Chapter1
3	Feb 26	Chapter 2
4	Mar 5	Chapter 3 + Quiz1 (1,2)
5	Mar 12	Chapter 3 + Chapter4
6	Mar 19	Chapter 4 + Quiz2 (3,4,5)
7	Mar 26	<u>Midterm</u>
8	Apr 2	Chapter 5
9	Apr 9	Chapter 6
10	Apr 16	Chapter 7
11	Apr 23	Chapter 8+ Quiz3 (5,6,7)
12	Apr 30	Presentation Week
13	May 8	Final Review
14	May 22 (Mon)	<u>Final Exam</u>