اعتماد
NCAAA

T4

2020

Course Specifications

Course Title:	Information Security Policies
Course Code:	**502556-3**
Program:	**Bachelor in Information Technology**
Department:	**Department of Information Technology**
College:	**College of Computers and Information Technology**
Institution:	**Taif University**

Table of Contents

A. Course Identification

1. **Credit hours:**3

2. Course type

a.　　　University ☐　　College ☐　　Department √　　　Others ☐

b.　　　　Required ☐　　Elective √

3. Level/year at which this course is offered:
14/5

4. Pre-requisites for this course (if any)**:**　　502551-3 or 502552 or 502553-3

5. Co-requisites for this course (if any)**: NON**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	6	100%
2	**Blended**	0	0
3	**E-learning**	0	0
4	**Distance learning**	0	0
5	**Other**	0	0

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	30
2	**Laboratory/Studio**	30
3	**Tutorial**	0
4	**Others** (specify)	0
	Total	60

B. Course Objectives and Learning Outcomes

1. Course Description

This course studies some cases in computer security. The student will be able to develop Information Technology security policies for small and large organizations with specific regard to components such as email, web servers, web browsers, firewalls, personal applications, passwords, etc. The student will have a sound understanding of the areas of Information Technology where policy development and implementation may help in reducing the effects of attack.

2. Course Main Objective

The main objective of this course is to Develop security policies for different IT security aspects.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Outline information security policies.	K1
1.2	Define an information security strategy and architecture	K1
2	**Skills :**	
2.1	Identify and prioritize threats to information assets	S1
2.2	Assess different types of hardware devices used to secure information	S1
2.3	Design an information security policy for an organization.	S1
3	**Values:**	

C. Course Content

No	List of Topics	Contact Hours
1	Information Security Policy Management	12
2	Risk Mitigation and Business Support Processes	12
3	Policies, Standards, Procedures, and Guidelines	6
4	User Policies	6
5	IT Infrastructure Security Policies	6
6	Risk Management	6
7	Incident Response Team Policies	6
8	Automated Policy Compliance Systems	6
	Total	60

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Outline information security policies.	Lecture Discussion	Written Exams Assignments
1.2	Define an information security strategy and architecture	Lecture Discussion Lab work	Written Exams Assignments
2.0	**Skills**		
2.1	Identify and prioritize threats to information assets	Lecture Discussion	Written Exams Assignments Practical Exam
2.2	Assess different types of hardware devices used to secure information	Lecture Discussion Lab work	Written Exams Assignments Practical Exam
2.3	Design an information security policy for an organization.	Lecture Discussion Lab work	Assignments Practical Exam
3.0	**Values**		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Assignments (4 assignments)	10	10%
2	Mid Exam	6	20%
3	Class activities	weekly	10%
4	Labs	11	10%
5	Final Exam	12	50%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

Academic advising and counseling of students is an important component of teaching; student academic advising is a mandatory requirement of College of Computers and Information Technology (CCIT). Appropriate student advising provides support needed for the student during times of difficulty. In addition, it helps the student to build a close relationship with his/her advisor and to provide student motivation and involvement with the institution.

In addition, since faculty are usually the first to recognize that a student is having difficulty, faculty members play a key role in developing solutions for the students or referring them to appropriate services. Faculty members also participate in the formal student-mentoring program.

Additional counseling is provided by course directors, who provide students with academic reinforcement and assistance and refer "at risk" students to the Vice Dean for Academic Affairs and the Vice Dean for female section.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Security Policies and Implementation Issues, Jones & Bartlett Learning, LLC; Latest Edition.
Essential References Materials	
Electronic Materials	Presentation slides
Other Learning Materials	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	A Lecture room appropriate for maximum 25 students.
Technology Resources (AV, data show, Smart Board, software, etc.)	Personal computer, a data show and a smart board.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of Teaching	Students	Students surveys and Students course evaluation
Improvement of Teaching	Course Coordinator	deficiencies based on the student Evaluation, faculty input, course file, and program assessment
Verifying Standards of Student Achievement	Curriculum Committee	● Review CAF (Course assessment file) ● Alumni surveys. Periodic exchange and remarking of tests or a sample of assignments with staff at another

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	IT Department Council/ Executive program committee
Reference No.	11
Date	23/10/21443