

COMPUTER SECURITY (SCSR3413)

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SEM1_1617

COURSE LEARNING OUTCOMES

Describe the basic concepts of computer security and discuss computer security threats.

Identify security system vulnerabilities and apply the existing technologies, tools and techniques, in protecting computer system.

Demonstrate security awareness and basic skills in using appropriate tools to tackle security problems

PROGRAM LEARNING OUTCOMES

PO1

Ability to **acquire and apply theory and principles of Computer Science** and equip with **social science and personal development knowledge**.

PO2

Ability to **design and construct computer programs** using **standard approaches**

PO5

Ability to **think critically and creatively** in order to solve **real world problem**

PO7

Ability to **undertake lifelong learning** and **actively participate in change**.

Course Learning Outcome	PLO Addressed	Assessment Methods
Describe the basic concepts of computer security and discuss computer security threats	PO1 (C1, P1)	A, E, F
Identify security system vulnerabilities and apply the existing technologies, tools and techniques, in protecting computer system.	PO2 (C2), PO5 (CTPS1)	PR, A, E, F
Demonstrate security awareness and basic skills in using appropriate tools to tackle security problems	PO1 (C3, P2, A1, A2), PO7 (LL1)	PR, A, E, F

** (A – Assignment; PR – Project; E – Exam; F- Final Exam; L – Lab)

GRADING

No.	Assessment	Number	% each	% total
1	Assignments (LL)*	varied	varied	20
2	Project (CTPS)*	2	varied	15
3	Test 1	1	15	15
4	Test 2	1	20	20
5	Final Exam	1	30	30
	Overall Total			100

**Where the soft skills will be assessed.*

Appointments

You are encouraged to make appointments for discussion and meetings outside of class.

Please visit my website for schedule and appointment etiquette.

<http://comp.utm.my/hazinah/>

***Note: I will also upload information on my web from time to time.*



DOs and DON'Ts

DO

Come early (settle in before I come in)

Hookup with dictionary.com for words you don't understand. After all, learning is never static.

Hand in assignments/projects/exercises/lab sheets/etc **on time**.

Work hard and work smart. A little a day makes more sense than cramming at the end.

Read. Read e-magazines, books, and others. The slides alone are not enough. It is just a summary.

Prepare before lectures and labs. Read ahead. Time is limited and knowledge is vast.

Assess your understanding at crucial points and ask when you don't understand.

Participate in class activities and all feedback given. This is the only way the teaching and learning process can be better.

DOs and DON'Ts

DON'T

Be late. Tardiness is **NOT** something I value.

Keep quiet when you have a question or there is something you don't understand. I can't read your mind. Help me out.

Be late in handing in your work. Lateness means 2 things: I won't accept it (you get 0) or I accept it but will deduct marks.

Memorize the slides/book. Memorizing *may* help you pass but not score. I look for *understanding*.

Plagiarize. All forms of plagiarism will be dealt with the Just-Credit System.

Cheat. Any form of cheating at any stage (coursework, all forms of exams, labs), will be dealt with severely.

Be unprepared for evaluations and assessments. Plan ahead so that you will not be late or perform poorly.

Put things to the last minute. Example, leaving assignment/exercises until time is up.

The Just-Credit System

Step 1:
Assignments
submitted to *Turnitin*

Step 2:
Turnitin provides
similarity %

Step 3:
Assignment marks
adjusted accordingly.

ASSG3

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Submit File GradeMark

<input type="checkbox"/>	AUTHOR	TITLE	SIMILARITY	GRADE
<input type="checkbox"/>	Advsecure Advsecure	ADVSECURE	5% ■	<input type="text" value=""/>
<input type="checkbox"/>	Neo Neo	NEO	8% ■	<input type="text" value=""/>
<input type="checkbox"/>	Symetrix Symetrix	Symetrix	12% ■	<input type="text" value=""/>
<input type="checkbox"/>	Crashoverdrive Co	CRASHOVERDRIVE	30% ■	<input type="text" value=""/>
<input type="checkbox"/>	Prodata Prodata	PRODATA	32% ■	<input type="text" value=""/>
<input type="checkbox"/>	Cia Cia	CIA	38% ■	<input type="text" value=""/>
<input type="checkbox"/>	Uni5 Uni5	UNI5	77% ■	<input type="text" value=""/>
<input type="checkbox"/>	Fourtec Fourtec	FOURTEC	91% ■	<input type="text" value=""/>
<input type="checkbox"/>	Chip Chip	CHIP	93% ■	<input type="text" value=""/>

Column1	INITIAL MARKS	SIMILARITY %	CREDIT	FINAL MARKS
ADVSECURE	8	5	0.4	7.6
SYMETRIX	8	12	0.96	7.04
CHIP	8	93	7.44	0.56

The Just-credit System : Credits ALL

EXTRA NOTES

- Absence must be accompanied with a letter/medical certificate or such.
 - I take attendance seriously (as does UTM)
- Visit e-learning site **REGULARLY**.
 - All info and updates are there.



Study Tips



PREPARE

Before class:
Build your frame of
understanding



LISTEN & DIGEST

Listen and digest in
class, asking
questions when you
don't understand



LINK & REMEMBER

Before 24 hours, review
what you learned,
noting spots that you
are not sure of

About me

I LIKE COMEDIES

I like my teaching
and learning to be
fun

I HATE DRAMA

I don't like crying
for marks at the
end of semester

I LIKE HEROIC THRILLERS

Give it your all and
glory will follow

I LIKE DESSERTS

I like things to be
sweet and mellow

My Hope

- We can all give our best
- We will try and have fun while learning
- We will help each other out
- We will be respectful
- We will be open

