

# INFO 2008 CYBER INCIDENT RESPONSE AND RISK MANAGEMENT

**Spring**  
**Parramatta - Victoria Rd**

**Day**

**Subject Contact** Abubakar Bello ([https://directory.westernsydney.edu.au/search/name/Abubakar Bello/](https://directory.westernsydney.edu.au/search/name/Abubakar%20Bello/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=INFO2008\\_22-SPR\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=INFO2008_22-SPR_PS_D#subjects))

**Credit Points** 10

**Coordinator** Abubakar Bello ([https://directory.westernsydney.edu.au/search/name/Abubakar Bello/](https://directory.westernsydney.edu.au/search/name/Abubakar%20Bello/))

**Description** Cyber risk management is the process of identifying, analysing, and evaluating how to handle an organisations' cyber security threats. This subject will introduce the fundamental tenets of risk management, and explore cybersecurity risk management frameworks. Cyber incident response is an organised approach to addressing and managing a major security breach, threat or attack. The goal is to handle the incident in a way that limits damage, reduces recovery time and losses, and take pro-active measures in the follow up and recovery phase to prevent future attacks. Students will explore common cyber attacks requiring incident response such as payment diversion fraud (business email compromise), ransomware, data breach, and advanced persistent threats. They will learn about each of these threats and how to manage such threats through the development of incident response plans including people, process, technology and information. This subject is taught with industry partners through case studies and simulations. Due to the sensitive nature of the subject and the requirement of hands on training, it cannot be taught online and is not on offer to WSU Online students. Online students will take an additional elective.

**School** Social Sciences

**Discipline** Security Science

**Student Contribution Band** HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 2 subject

**Co-requisite(s)** INFO3001 - Computer Security

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/Group Task
Quiz	10 X 10 MCQ each	10	N	Individual
Report	800 words	20	N	Individual
Simulation	24 hours	30	N	Group
Report	2000 words	40	N	Individual

Teaching Periods