



PRIFYSGOL CYMRU
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UNIVERSITY OF WALES
Trinity Saint David
SWANSEA - ABERTAWE

Applied Computing

Wales Institute of Science and Art (WISA)

Advanced Cybersecurity (ACCB6000)

Attack and Defense: A Warmup

Objectives

Part 3 (Cont.): Social Engineering Attack

Form two Teams (Red Team and Blue Team)

Red Team: Do a Social Engineering Attack on Blue Team to get 3 valid information.

Blue Team: Prevent yourself from SE Attack

Part 3: Instructions

Red Team: Target members in Blue Team and compromise them to give vital information. Each information gives you a point.

Blue Team: Alert your Team not to give out any vital information.

(You shall use this as a documentation to demonstrate SE attacks in your Coursework as a part of mitigation in part iii) b - to provide specific recommendations to strengthen their cyberspace.)

As a Team, write a summary and submit in Moodle.

Red Team

1. What is your Plan?
2. How did you implement your Plan?
3. Are you successful in gathering information?
4. If yes, how?
5. If No, what measures you would take to improvise your attack next time?

Blue Team

6. What is your Plan?
7. What are the key aspects you discussed with your Team?
8. Were you compromised?
9. If yes, How?
10. If No, explain the attackers move and your steps to defend.

Options to Submit:

1. Document as a Report and submit as a Teamwork.
(OR)
2. Do an interview with your Team, Record them and submit as a video interview.