



Course Competency Report by Code

Code: ARV2

Hacking Part I (ARV2)

Course of Study: HAC2/ARV2 - Ethical Hacking I
Course Level: Graduate
Course Division: First Year Master's
Discipline: Information Technology
Course Type: One Assessment
Department: Information Technology

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
426.4.1	Ethics & Legality	The graduate analyzes ethical and legal issues related to the unauthorized or unwanted access into and of information assets, including types of hacking technologies and related skills.
426.4.2	Pre-Attack Planning	The graduate evaluates techniques used in footprinting and implements industry best practices to protect against this type of information asset vulnerability.
426.4.3	System Hacking	The graduate evaluates various network system hacking counter-techniques.
426.4.4	Denial of Service (DoS)	The graduate identifies and implements countermeasures to protect against denial-of-service (DoS) and distributed denial-of-service (DDoS) attacks using industry best practices.
426.4.5	Hacking Web Servers	The graduate identifies known web server vulnerabilities and demonstrates industry best practices to protect against this type of threat.
426.4.6	Web Application Vulnerabilities	The graduate identifies common web application vulnerabilities and uses industry best practices to protect against this type of threat.
426.4.7	Wireless Hacking	The graduate evaluates industry best practices for securing a wireless network, identifies the threats to wireless security, and associates threats with known countermeasures.