**Syllabus**

## COURSE GENERAL INFORMATION

Course Title: Ethical Hacking II
Code: PWHE1030
Contact Hours: 42.5
Term: February 9, 2021 – March 23, 2021
Teacher: Joel Vargas Ramos
Email: jvargas@passwordpr.com

### Course Description

- This Course enables students to understand the importance of vulnerability assessments by providing industry knowledge and skills in Vulnerability Assessments. In doing so, the student is able to understand how malware and destructive viruses function. In addition, the course helps students learn how to implement counter response and preventative measures when it comes to a network hack.

### Objective

- The Certified Professional Ethical Hacker vendor neutral certification course is the foundational training to mile2's line of penetration testing courses. By the completion of this course the student will be prepared to practice in a virtual simulation lab as to physical labs to approach the next step towards the C)PEH certification. This Course is one of three courses required to achieve the C)PEH candidate exam.

### Prerequisite

PWHE 1020 – Ethical Hacking 1

### Skills Distribution

- Social Engineering
- Reconnaissance Active Scanning Enumeration
- Vulnerability Assessment
- Network Attacks
- Hacking Servers

**Laboratories:**

Laboratory 1: Snort and Firewall Rules


**Assessment:**

Assessment 1: Security Vulnerabilities Hackers Like to Exploit
Assessment 2: Social Engineering Attacks


**Evaluation Criteria**

| CRITERIA | Grade total |
|---|---|
| 1 Mid-Term Exam | 100 |
| 1 Final Exam | 100 |
| Quizzes | 100 |
| Laboratories and Assessment | 100 |
| Attendance | 100 |
|  |  |
| Total | 500 |

*6 Points less for each absence.

*Assignments are always due in class on the day designated.  You are responsible for any work lost due to technical problems, etc. Late papers will lose a letter grade for each day that they are late. Any exceptions must be properly documented and discussed in advance for an extension to be arranged.


**Educational Resources**

Neo LMS (2021). Ethical Hacking I. *passwordtech.edu20*.

https://passwordtech.edu20.org/

Mile 2 (2020). Cybersecurity Security Information. *Mile2*. http://mile2.com/

**Notes**

• ***Reasonable Accommodation***: Any student who requires a reasonable accommodation should do the request at the beginning of the course or as soon as he / she acquires knowledge of what it requires, through the Professor in charge and this notifying the Academic Director.

• ***Honesty, fraud, plagiarism:*** The lack of honesty, fraud, plagiarism and / or any other inappropriate behavior in relation to the student's academic performance constitute violations of the Institution's Catalog, its Rules of Conduct and Student Duties. Major infractions, as determined by the Catalog, may result in the suspension of the Institution for a definite time or permanent expulsion as stipulated in the Norms of Conduct and Duties of the Student.