



Knowledge, Experience, Responsibility

IT Expert Specializing in Python & Basic Cyber Security

40
Hours

Sorting
Stage

360
Hours

Extended
Course

IT Expert Specializing in Python & Basic Cyber Security

The Software Guild is partnering with HackerUSA, Israel's flagship IT and cyber security academy to offer instruction for individuals interested in a career in cyber security. For more than 20 years, HackerUSA has been Israel's flagship IT and cyber security academy (recognized as a Microsoft Silver Partner and an EC Council-accredited institution), graduating more than 4,000 students per year. Thousands of industry experts' careers started with HackerUSA.



Objectives

Our basic IT course covers the foundational elements of various IT security skills and technologies. The course introduces Windows Server, basic Linux administration, and the fundamentals of Python programming. You will gain the skills necessary to work with cloud-optimized networks, applications, and web services, as well as virtualization features, networking management, storage capabilities, and more. The modules covered in this course provide the first step in improving data security in organizations.



Prerequisites

- Technical orientation from any background
- Professional evaluation admissions exam



Benefits

- Industry-oriented curriculum designed and delivered by industry experts
- Extended program that prepares students for a variety of IT professions
- Full mastery of the knowledge required to pass the international certification exams
- Trial period with minimal financial risk



Certifications

- Microsoft MCSA
- LPI 101
- CISCO CCNA
- HackerUSA-Certified IT Expert



Course Outline

- Sorting Stage:** The 40-hour pre-training course builds the fundamentals necessary to acquire the higher-level knowledge and skill sets taught in the course. At the end of the course, students will undergo two assessments: a written exam and an evaluation by the instructor. After the evaluation, the student and instructor will decide together whether the student should proceed to the extended course. Students who do not proceed will be refunded 75% of the Pre-Training Course tuition.
- Extended Course:** 360 hours of lectures and in-class projects



Course Methods

Instructional Methods
Class lectures and labs

Evaluation and Skills Assessment
The instructor will evaluate all students according to their attendance; performance on labs, quizzes, and exams; class participation; and completion of homework assignments.



Exam Information

MCSA	70-410	Installing and Configuring Windows Server 2012
	70-411	Administering Windows Server 2012
	70-412	Configuring Advanced Windows Server 2012 Services
CCNA	200-125	Cisco-Certified Network Associate
LINUX	101	LPIC-1 Exam

Exam fees not included in tuition



Course Grade

30%	Final exam
20%	Midterm exam
20%	Presentations/Labs
20%	Homework assignments
5%	Quizzes
5%	Class participation/Attendance



Course Summary

Module	Hours
Installing and Configuring Windows Server 2012	40
Linux, Tools and Introduction to CI	80
Administering Windows Server 2012	50
Configuring Advanced Windows Server 2012 Services	50
CISCO	100
Python Programming for Security	80
Total	400

