CYBER SECURITY FUNDAMENTALS Training Program

Who can do?

- University Graduates and like to develop their Career Cyber Security.
- Already working class who are willing to update and learn the new methodologies of Cyber Security.
- People who are interested to develop their career in Cyber Security.

100,000+ Students have been Trained since 1997

Invest in People the only Asset that Appreciates
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Inauguration

Structure

Topics & Time Allocation

About the Program Designer & Instructor

Syllabus
Inauguration

The Training Program will be inaugurated by a senior member of 3DEducators

Program Structure

<table>
<thead>
<tr>
<th>No of classes per week</th>
<th>01 Class</th>
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</thead>
<tbody>
<tr>
<td>Duration of each class</td>
<td>02 – Hour</td>
</tr>
<tr>
<td>Guided Hours</td>
<td>24</td>
</tr>
<tr>
<td>Non Guided Hours</td>
<td>12</td>
</tr>
<tr>
<td>Total Duration</td>
<td>48 Hours</td>
</tr>
</tbody>
</table>

Other Learning Activities

- Classroom Labs: 05
- Presentations by Trainees: 02
- Project: 01

About the Program Instructor

The “CERTIFIED ETHICAL HACKING” Program has been designed according to the International standard and will be conducted by Senior most consultants who having the huge experience of ethical hacking. They have worked with various large multinational organizations and provide the training in local and abroad. The trainers and consultants are highly qualified and working on several positions.

- Senior Security Architect
- Senior Security Analyst
- Senior Security Pentest Analyzer

They trainers are foreign qualified and having the degrees of PhD, MBA (MIS), BE (Telecom), MCSE + I, MCDBA, A+ Certified and CCIE, CCNP, and CCNA Certified.

In Affiliation with
CYBER SECURITY FUNDAMENTALS
Training

CONTENTS:

EXECUTIVE SUMMARY
Section 1: Cyber security Introduction and Overview
Topic 1—Introduction to Cyber security
Topic 2—Difference Between Information Security and Cyber security
Topic 3—Cyber security Objectives
Topic 4—Cyber security Roles
Topic 5—Cyber security Domains
Section 1—Knowledge Check

Section 2: Cyber security Concepts
Topic 1—Risk
Topic 2—Common Attack Types and Vectors
Topic 3—Policies and Procedures
Topic 4—Cyber security Controls
Section 2—Knowledge Check

Section 3: Security Architecture Principles
Topic 1—Overview of Security Architecture
Topic 2—The OSI Model
Topic 3—Defense in Depth
Topic 4—Firewalls
Topic 5—Isolation and Segmentation
Topic 6—Monitoring, Detection and Logging
Topic 7A—Encryption Fundamentals
Topic 7B—Encryption Techniques
Topic 7C—Encryption Applications
Section 3—Knowledge Check
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Section 4: Security of Networks, Systems, Applications and Data
Topic 1—Process Controls—Risk Assessments
Topic 2—Process Controls—Vulnerability Management
Topic 3—Process Controls—Penetration Testing
Topic 4—Network Security
Topic 5—Operating System Security
Topic 6—Application Security
Topic 7—Data Security
Section 4—Knowledge Check

Section 5: Incident Response
Topic 1—Event vs. Incident
Topic 2—Security Incident Response
Topic 3—Investigations, Legal Holds and Preservation
Topic 4—Forensics
Topic 5—Disaster Recovery and Business Continuity Plans
Section 5—Knowledge Check

Section 6: Security Implications and Adoption of Evolving Technology
Topic 1—Current Threat Landscape
Topic 2—Advanced Persistent Threats.
Topic 3—Mobile Technology—Vulnerabilities, Threats and Risk
Topic 4—Consumerization of IT and Mobile Devices
Topic 5—Cloud and Digital Collaboration
Section 6—Knowledge Check
CONDUCT AND DISCIPLINE

A disciplinary action, leading to rustication, will be taken against students whose conduct is found objectionable at any time during the course of study. Reference will be made to 3D Educators code of conduct.

EVALUATION AND GRADING

The performance of students is evaluated through continuous observation of a student’s performance in the Diploma – class participation, submission of assignments, quizzes and exercises.
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The student will be examined through three hourly exams conducted at the midterm and a final exam at the end of the program. Total marks for passing the Diploma will be 60 out of a total of 100.

Students who do not meet the attendance or any other eligibility criteria will not be allowed to appear in the final examination.

The following grading plan will be applicable for the Diploma:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>87-100</td>
</tr>
<tr>
<td>B+</td>
<td>81-86</td>
</tr>
<tr>
<td>B</td>
<td>72-80</td>
</tr>
<tr>
<td>C+</td>
<td>66-71</td>
</tr>
<tr>
<td>C</td>
<td>60-65</td>
</tr>
<tr>
<td>F</td>
<td>below 60</td>
</tr>
</tbody>
</table>
Students who are unable to appear for the final exam are required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.
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ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website http://www.3deducators.com. Fill it properly and attached the required document along with Picture and send back to info@3deducators.com with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of “3D EDUCATORS-TRAINERS & CONSULTANTS”.
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don’t have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it info@3deducators.com. Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.
PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.

- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.

- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.

- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

CONTACT US

021-34141329, 0333-2402474
021-34857148

info@3deducators.com
http://www.3deducators.com

Get the Admission Form

Download Form

MANAGEMENT
3D EDUCATORS
TRAINERS & CONSULTANTS
CYBER SECURITY FUNDAMENTALS Training

SAMPLE CERTIFICATE

CERTIFICATE
Invest In People the Only Asset that Appreciates...

The Certificate Witnesseth that
Dr. Muhammad Allama Iqbal
Has Successfully Completed the 32-Hours Training of the
Certified Ethical Hacking
Conducted By
3D EDUCATORS - TRAINERS & CONSULTANTS
From 22 Nov 2009 To 22 Jan 2010
CERTIFICATE ID: 30CA1010/5/2003093

Principal of Institute

Global Partner - International Management Research & Technology Consortium - IMRTC USA
Global Partner - PECB CANADA, Partner Institute of SDC - Government of Pakistan