



Courses Catalogue for High-Tech Industry

Computer Science, Data Science and More

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Software Development

Web Development

#	Course Name	Hours
1	Angular 9	40
2	React and React Native	40
3	Advanced Angular	40
4	Java Script Full stack Experts	130
5	Full Stack Development with Node.js	40
6	Angular 9 & ASP.NET Core Web API	40
7	Node.JS	24
8	Front End Development with HTML5, CSS3 & jQuery	40
9	Microservices and Micro-Frontends	32
10	Introduction to Secure Programming	40
11	Developing on AWS	24

Mobile -Web Development

#	Course Name	Hours
1	React/React Native	40
2	Flutter	40
3	Unity	24
4	Kotlin	24
5	Swift	80
6	Developing Android Applications	48
7	Advanced Android Programming	24



Java

#	Course Name	Hours
1	Serverless – Spring Native Cloud Development	16
2	Spring Framework with JPA, SpringBoot & SpringCloud	40
3	Java 12 – Most Important Updates Made in Java 8-12 Releases	16
4	Core Java Programming	48
5	Test Automation & CI with Java	40
6	REST Web Services & Microservices with SpringMVC, SpringCloud	24
7	Reactive Programming with Java9 & Spring5	16
8	Extreme Java	32
9	Java Design Patterns & Effective Programming	24
10	Java Web Services REST & Microservices	32
11	Introduction to Blockchain	8

Python

#	Course Name	Hours
1	Python 3 Programming	32
2	Python Deep Dive for Programmers	40
3	Python for Non-Programmers 9	72
4	Python for Cyber Security	40

.Net

#	Course Name	Hours
1	Programming the .NET Framework 4.0/4.5 with C# 5.0	40
2	#Extreme .NET 4/4.5 with C	40
3	.Net Core & Microservices	40
4	Secure Development in .Net	40

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Linux/Unix Development

#	Course Name	Hours
1	Linux Internals and Kernel Development	40
2	Programming Embedded Linux	40
3	Linux System Programming	40

C++

#	Course Name	Hours
1	C++ Programming for Java and C# Developers	40
2	Programming with C++	40
3	C++ for C Programmers	40
4	Modern Expressive C++	40



Cyber/Information Security

#	Course Name	Hours
1	Risk Management for executives	24
2	SIEM Administration/Operation	24
3	Security Administration (CCSA R80)	40
4	Security Engineering CCSE - Check Point Certified Security Expert R77.30	40
5	Introduction to Cyber Warfare	40
6	Web Application Hacking	40
7	Malware Analysis Workshop	40
8	Red Team Vs. Blue Team	80
9	CSPP (Cyber Security Preparation Program)	300
10	CSP (Cyber Security Practitioner)	350
11	CSTP (Cyber Security Technology Professional)	220
12	CSMP (Cyber Security Methodology Professional)	220
13	CPTP (Cyber Penetration Test Professional)	200
14	Incident Responder	110
15	SOC Analyst	240
16	CSA (Cyber security Analyst)	150
17	CISO	220



Cloud Architecture, Infrastructure & Automation for IT Professionals

Amazon Web Services

#	Course Name	Hours
1	Architecting on AWS	24
2	Systems Operations on AWS	24
3	Developing on AWS	24
4	DevOps Engineering on AWS	24
5	Big Data on AWS	24
6	Advanced Architecting on AWS	24
7	Security Engineering on AWS	24

Microsoft Azure

#	Course Name	Hours
1	Developing Solutions for Microsoft Azure (AZ-204)	40
2	Microsoft Azure Administrator (AZ-104)	40
3	Microsoft Azure Architect Technologies (AZ-303)	40
4	Microsoft Azure Security Technologies (MOC AZ-500)	40

VMware

#	Course Name	Hours
1	VMware vSphere: Install, Configure, Manage -v7.0	40
2	VMware vSphere: Troubleshooting Workshop [V7]	40
3	VMware NSX: Install, Configure, Manage [V6.4]	40
4	VMware vRealize Operations: Install, Configure, Manage [V8]	40
5	VMware vRealize Automation: Orchestration and Extensibility [V7.6]	40
6	VMware vRealize Automation: Install, Configure, Manage [V8]	40
7	VMware vSAN: Deploy and Manage [V6.7]	40
8	VMware NSX-T Data Center: Install, Configure, Manage V3	40



9	VMware vSphere: Optimize and Scale [V6.7]	40
10	VMware Cloud on AWS: Deploy and Manage	40

Linux Administration

#	Course Name	Hours
1	Linux Fundamentals and Basic Administration	40
2	Advanced Linux Tools & Shell Scripts	32
3	GIT Basic and Administration	24
4	Red Hat System Administration I - RH124	40
5	Red Hat System Administration II - RH134	40

Microsoft Server

#	Course Name	Hours
1	Windows 10 (MD-100)	40
2	Automating Administration with Windows PowerShell	40
3	Administering System Center Configuration Manager	40
4	Administering Microsoft Exchange Server 2016/2019	40
5	WS-011: Windows Server 2019 Administration	40
6	Microsoft 365 Identity and Services MS-100	40

Cisco

#	Course Name	Hours
1	CCNP Routing and Switching	150
2	Implementing and Administering Cisco Solutions (CCNA 7.0)	110



Machine Learning & Deep Learning and Data Visualization Big Data

#	Course Name	Hours
1	Practical Machine Learning Using Python	40
2	Deep Learning with Python	40
3	Big Data Analytics	40
4	Data Analysis and Scientific Python	40
5	Mongo DB 4.x Core Training	40
6	Introduction to Cassandra for Developers	32
7	R Programming	32
8	Data Analysis with Python	32
9	Data Science: Machine Learning & Deep Learning with Python	500
10	Data Visualization	24
11	Graph Analytics	24

Microsoft SQL Database

#	Course Name	Hours
1	Querying Data with Transact-SQL	40
2	Administering a SQL Database Infrastructure	40
3	Performance Tuning and Optimizing SQL Databases	40
4	Developing SQL Databases	40

Business Intelligence

#	Course Name	Hours
1	Implementing a SQL Data Warehouse	40
2	Developing SQL Data Models	40
3	Business Objects Web Intelligence 4.2	24
4	Power BI	24
6	Analysing Data with SQL Server Reporting Services	24

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7	Advanced Power BI	24
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DevOps

#	Course Name	Hours
1	DevOps Engineering	240
2	DevOps - From Zero to Continuous Delivery	200
3	DevOps - Docker Containers Hands-on	160
4	Advanced Windows PowerShell and DevOps	160

Design Thinking

#	Course Name	Hours
1	Design Thinking Methodology	24
2	Web Design: Strategy and Information Architecture	12
3	Web Design: Wireframes to Prototypes	40

User Experience Specialization

#	Course Name	Hours
1	UX Design Fundamentals	24
2	User Interface Design	48
3	Adobe Illustrator CC	40
4	Photoshop CC	80
5	Adobe Premier Cs5.5	40
6	Dreamweaver CC	40
7	Adobe After Effects 5.5	40
8	InDesign CC	24
9	SEO	240



QA

#	Course Name	Hours
1	Testing Automation	140
2	WebDriver Automated Test Tool	24
3	QuickTest Professional - QTP	40
4	Testing in the Mobile world	16
5	ISTQB Foundation Level	32
6	ISTQB Advanced Level - Test Manager	40