Cyber Brain Academy

# IT Certification Roadmap

## Cybersecurity

### Beginners
CYBERSECURITY

**CompTIA A+**

**CompTIA ITF+**

**CompTIA Project+**

### Intermediate
CYBERSECURITY

**CompTIA Network+**

**CompTIA Security+**

**CompTIA Server+**

- CCNA
- CEH
- GSEC
- CIPM
- Microsoft Certified: Associate
- GSEC

### Advanced
CYBERSECURITY

**CompTIA CySA+**

**CompTIA PenTest+**

- CCNP
- CHFI
- GPEN
- GSLC
- GCED
- CISA
- CISM
- CSSLP
- Microsoft Certified: Expert
- OSCP

### Expert
CYBERSECURITY

**CompTIA CASP+**

- CCIE
- GCIH
- GWAPT
- CGEIT
- CISSP
- CPTE
- OSCE3

## Infrastructure & Cloud

### Beginners
INFRASTRUCTURE & CLOUD

**CompTIA A+**

**CompTIA ITF+**

**CompTIA Project+**

**CompTIA Cloud Essentials+**

- Cloud Practitioner
- Linux Essentials
- Microsoft Certified: Fundamentals
- VTCA

### Intermediate
INFRASTRUCTURE & CLOUD

**CompTIA Linux+**

**CompTIA Network+**

**CompTIA Server+**

- Professional Google Workspace Administrator
- HDI DSM
- HDI SCM
- LPIC-1
- Mircosoft Certified Associate
- COA
- RHSCA
- Salesforce Certified Administrator
- SCA
- VCP

### Advanced
INFRASTRUCTURE & CLOUD

**CompTIA Cloud+**

- Solutions Architect - Professional
- DevOps Engineer - Professional
- CCNP
- LPIC-2
- Microsoft Certified : Expert
- RHCE
- SCE
- VCAP

### Expert
INFRASTRUCTURE & CLOUD

**CompTIA CASP+**

- Cisco Certified DevNet Specialist
- CCIE
- Professional Cloud Architect
- ASE
- LPIC-3
- RHCA
- SCE
- VCDX

## IT Service Management

### Beginners
IT SERVICE MANAGEMENT

**CompTIA A+**

**CompTIA ITF+**

**CompTIA Project+**

**CompTIA Cloud Essentials+**

- ITIL Foundation
- PRINCE2 Foundation

### Intermediate
IT SERVICE MANAGEMENT

**CompTIA Network+**

**CompTIA Security+**

- CCMP
- ITIL Intermediate
- CAPM
- PRINCE2 Practitioner

### Advanced
IT SERVICE MANAGEMENT

- ITIL Expert
- PMP

### Expert
IT SERVICE MANAGEMENT

**CompTIA CASP+**

- ITIL Master
- CSP

## Data & AI

### Beginners
DATA & AI

**CompTIA ITF+**

**CompTIA Project+**

- Mircosoft Certified: Fundamentals
- MOS

### Intermediate
DATA & AI

**CompTIA Data+**

**CompTIA DataSys+**

**CompTIA Linux+**

**CompTIA Security+**

- DCA-DS
- Microsoft Certified:Associate
- MySQL 8.0 Database Developer
- MySQL Database Administrator
- SAP Certification Technology Associate
- SAS Certified Specialist : Visual Business Analytics
- Tableau Certified Data Analyst

### Advanced
DATA & AI

- CAP
- Google Professional Data Engineer
- Mircosoft Certified : Expert

## Software Development

### Beginners
SOFTWARE DEVELOPMENT

**CompTIA Project+**

- Adobe Certified Professional (ACP)
- Python PCEP

### Intermediate
SOFTWARE DEVELOPMENT

**CompTIA Linux+**

**CompTIA Security+**

- Developer - Associate
- C++ Certified Entry-Level Programmer
- MongoDB Certified Developer Associate
- OCP Java SE Programmer

### Advanced
SOFTWARE DEVELOPMENT

- Adobe Certified Expert (ACE)
- DevOps Engineer Professional
- Google DevOps Engineer
- Python PCPP
- Zend Certified Engineer (ZCE)
- Framework to Certification

### Expert
SOFTWARE DEVELOPMENT

- Adobe Certified Master (ACM)
- Jave EE Application Developer
- CSP

**Explore the possibilities with the CompTIA Interactive IT Roadmap at: CompTIA.org/CertsRoadmapCOCompTIA**


Cyber Brain Academy

LET'S TALK
Phone : (219) 512-9819

EMAIL SUPPORT
info@cyberbrainacademy.com

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# IT Certification Roadmap

## COMPTIA Certifications

### Beginner / Novice
- CompTIA A+
- CompTIA ITF+
- CompTIA Project+
- CompTIA Cloud Essentials+

### Intermediate
- CompTIA Data+
- CompTIA DataSys+
- CompTIA Linux+
- CompTIA Network+
- CompTIA Security+
- CompTIA Server+

### Advanced
- CompTIA Cloud+
- CompTIA CySA+ Cybersecurity Analyst
- CompTIA PenTest+

### Expert
- CompTIA CASP+ Advanced Security Practitioner

## Analytics Cert Board

### Advanced
- ACB Certified Analytics Professional (CAP)

## Adobe

### Beginner/Novice
- ACP Adobe Certified Professional

### Advanced
- ACE Adobe Certified Expert

### Expert
- ACP Adobe Certified Master

## Assc. Of Change Mgmt

### Intermediate
- CCMP Certified Change Mgmt Professional

## Amazon Web Services

### Beginner/Novice
- AWS Cloud Practioner

### Intermediate
- AWS Certified Solutions Architect - Associate
- AWS Certified SysOps Admin - Associate
- AWS Certified Developer - Associate

### Advanced
- AWS Certified Solutions Architect - Professional
- AWS Certified DevOps Engineer - Professional

## CISCO

### Intermediate
- CCNA Cisco Certified Network Associate

### Advanced
- CCDS Cisco Certified Network Professional

### Expert
- CCDS Cisco Certified DevNet Specialist
- CCIE Cisco Certified Internetwork Expert

## CPP INSTITUTE

### Intermediate
- CPP C++ Certified Entry-Level Programmer

## DELL TECH

### Intermediate
- Dell Tech Data Science Associate

## EC COUNCIL

### Intermediate
- CEH Certified Ethical Hacker

### Advanced
- Dell TCHFI Computer Hacking Forensic Investigator

## GIAC

### Intermediate
- GSEC GIAC Security Essentials

### Advanced
- GCED Certified Enterprise Defender
- GPEN GIAC Penetration Tester
- GSLC Security Leadership
- GWAPT GIAC Web Application Penetration Tester

### Expert
- GCIH GIAC Certified Incident Handler

## eLearnSecurity

### Intermediate
- eJPT eLearnSecurity Junior Penetration Tester

## GOOGLE

### Intermediate
- GO Professional Google Workspace Admin

### Advanced
- GO Google DevOps Engineer
- GO Google Professional Data Engineer

### Expert
- GO Professional Cloud Architect

## HDI GLOBAL CERT

### Intermediate
- HDI DSM HDI Desktop Support Manager
- HDI SCM HDI Support Center Manager

## HP HEWLETT-PACKARD

### Expert
- ASE Accredited Systems Engineer

## IAPP

### Intermediate
- CIPM Certified Information Privacy Manager

## ISACA

### Advanced
- CISA Certified Information Systems Auditor
- CISM Certified Information Security Manager

### Expert
- CGEIT Certified in the Governance of Enterprise IT

## (ISC)2

### Advanced
- CSSLP Certified Secure Software Lifecycle Professional

### Expert
- CISSP Certified Information System Security Professional

## ITIL

### Beginner/Novice
- ITIL Foundations

### Intermediate
- ITIL Intermediate

### Advanced
- ITIL Expert

### Expert
- ITIL Master

## LINUX PROFESSIONAL INST.

### Beginner/Novice
- Linux Essentials

### Intermediate
- LPIC-1

### Advanced
- LPIC-2

### Expert
- LPIC-3

## MILE 2

### Expert
- CPTE Certified Penetration Testing Engineer

## OFFENSIVE SECURITY

### Advanced
- OSCP Offensive Security Certified Professional

### Expert
- OSCE3 Offensive Security Certified Expert 3

## OPENSTACK

### Intermediate
- COA Certified OpenStack Administrator

## PMI

### Intermediate
- CAPM Certified Associate in Project Management

### Advanced
- PMP Project Professional

## PRINCE2

### Beginner/Novice
- PRINCE2 Foundation

### Intermediate
- PRINCE2 Practitioner

## PYTHON INSTITUTE

### Beginner/Novice
- Python PCEP

### Advanced
- Python PCPP

## RED HAT

### Intermediate
- RHCSA Red Hat Certified System Administrator

### Advanced
- RHCE Red Hat Certified Engineer

### Expert
- RHCA Red Hat Certified Architect

## SAS

### Intermediate
- SAS Certified Specialist: Visual Business Analytics

## SCRUM ALLIANCE

### Expert
- CSP Certified Scrum Professional

## SALESFORCE

### Intermediate
- Salesforce Certified Administrator

## SUSE

### Intermediate
- SCA SUSE Certified Administrator

### Advanced
- SCE SUSE Certified Engineer

### Expert
- SCE SUSE Certified Engineer

## TABLEAU

### Intermediate
- Tableau Certified Data Analyst

## VMWARE

### Beginner/Novice
- VCTA VMware Certified Technical Associate

### Intermediate
- VCP VMware Certified Professional

### Advanced
- VCAP VMware Certified Advanced Professional

### Expert
- VCDX VMware Certified Design Expert

## ZEND

### Advanced
- Zend Certified Engineer (ZCE)
- Framework 2 Certification

CompTIA

## Certification Criteria

CompTIA reviews developments in the IT certification landscape and adjusts the IT Certifications Roadmap as necessary.

To be included in the IT Certifications Roadmap, a certification **MUST MEET at least 60% (3 out of 5)** of the following criteria:

- **Acceptable Development Standards:** Developed based on processes established by a standards body. (For example: ISO/ANSI.)
- **Training Industry Recognition:** Third-party training products are available to prepare individuals for the certification. (For example: books, ebooks, videos, bootcamps, practice tests)
- **IT Industry Recognition:** Media: Cited in industry publications either online or in print. (For example: SC Magazine, PC World, and surveys from respected journals)
- **IT Industry Recognition:** Authority: Cited by Subject Matter Experts in the IT industry. (For example: SMEs that work regularly with CompTIA, recognition from other certification bodies)
- **Employer Recognition:** Cited in jobs ads and postings for positions in targeted job roles. Data should be available from an objective, third party organization (e.g., Burning Glass or Indeed.com).


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