

CONTINUOUS PROFESSIONAL DEVELOPMENT COURSES:

Self-paced, Online, International Credentials

FACT SHEET: CISCO CERTIFIED DEVNET ASSOCIATE

Course overview

This course introduces the methodologies and tools of modern software development, applied to the IT, and Network operations. It covers a 360-degree view of the domain including micro services, testing, containers, and DevOps, as well as securely automating infrastructures with Application Programming Interfaces (APIs).

At Boston, the DevNet Associate course is divided into three modules:

The first two are introduction modules to this course (these are not required for International certification):

- Network Essentials (CompTIA N+ will also be accepted)
- Python Programming (PCAP)
- Cisco Certified DevNet Associate (DEVASC)

Minimum Entry Requirements

- Open entry

What is the Duration of Study?

Duration: 70 hours per module. We recommend the minimum period is ten (10) to twelve (12) weeks with a maximum duration of four (4) months, dependent on the Learners' control over time, place, and pace.

What materials/resources will I require to Study?

It is compulsory for students to have access to a computer and internet. All course material and/or notes and assessments will only be accessible online or electronically. Chrome and Firefox web browser is recommended for accessing ColCampus and the Cisco Network Academy.

No additional material is required for this module.

What is the language of teaching and learning?

English is the language of communication, instruction, and assessment at Boston.

What is the mode of delivery?

Digital Learning supported with rich-media courseware. For every module, this includes:

- ColCampus, which is accessed online and/or at the Support Centre
- ColCampus promotes anytime, anywhere learning resources in a safe, secure online environment.
- Cisco Network Academy Online platform.

What is a Support Centre?

Boston's network of Support Centers grants our students access to computers to access *ColCampus* and the *Cisco Network Academy*. Students must select a single Support Centre and may make use of the facilities for the duration of their studies.

Who will provide me with Academic and Tuition Support?

Boston has appointed qualified and experienced Educators and Supervisors to provide support to learners. Students can contact Educators and/or Supervisors any time via ColCampus, through e-mail, or alternatively book a telephonic or Skype appointment. Face-to-face appointments can also be arranged but these will be by appointment only and will take place exclusively at Boston's Head Office.

Where do I complete my Summative Assessment?

All assessments are conducted on the Cisco Network Academy online system.

NETWORK ESSENTIALS (BOSTON CODE: CSNETES)

Duration: 70 Hours

Learning Component Highlights:

- 20 modules and 19 practice labs
- 24 Cisco Packet Tracer activities
- 130+ interactive activities, videos, & quizzes
- 5 module exams

Internal Assessments: 1 final exam (Pass Mark – 70%) **Maximum of 5 attempts only allowed.**

Delivery Method: Online. Self-Paced

Outcomes:

Gain practical, hands-on experience and skills needed to configure, operate and troubleshoot large-scale enterprise network

Course Recognitions:

- Cisco Certificate of Completion
 - Letter of Merit
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PYTHON PROGRAMMING (BOSTON CODE: CSPCAP)

Duration: 70 Hours

Learning Component Highlights:

- 5 modules of interactive instructional content
- 30+ practice labs
- Built-in Online tools for labs and practice

Internal Assessments: 1 final exam and Chapter based Assessment exam (Pass Mark – 70%) **Maximum of 3 attempts only allowed.**

Delivery Method: Online. Self-Paced

Outcomes:

Learn to design, write, debug, and run programs encoded in the Python language.

Course Recognitions:

- Certificate of Completion.

On completion of the above module students may attempt the below International examinations at a Vue Testing Centre:

Exam Code: **PCEP: Certified Entry-Level Python Programmer**

Exam Code: **PCAP: Certified Associate Course Page in Python Programming**

The certification body: Python Institute.

Further Study Opportunities: Cisco DevNet Associate

Career Options: Develop skills for entry-level programming roles.

CISCO CERTIFIED DEVNET ASSOCIATE (BOSTON CODE: CSDEVAS)

Duration: 70 Hours

Learning Component Highlights:

- 8 modules and 23 Practice labs
- 5 Cisco Packet Tracer Activates
- 6 videos, 8 quizzes, 8 module exams

Internal Assessments: 1 final exam and 1 practice certification (Pass Mark – 70%) **Maximum of 3 attempts only allowed.**

International Exam Price Discount for DEVASC is available for Boston CISCO Network Academy Students who achieve 70% or higher on the first attempt of the final exam. The Discount will vary from 5% to 40%, depending on the students' performance. Cisco reserves the right to determine exam discounts, and this may vary from time to time.

Delivery Method: Online. Self-Paced

Outcomes:

Learn to design, write, debug, and run programs encoded in the Python language.

Course Recognitions: Cisco Certificate of Completion.

On completion of the above module students may attempt the below International examinations at a Vue Testing Centre:

Exam Code: **200-901: Cisco Certified DevNet Associate DEVASC**

The certification body: Cisco

Further Study Opportunities: Cisco CyberOps Associate

Career Options: Junior Automation Engineer/Automation Engineer, Junior DevOps Engineer

How do I apply/register?

No application required, simply register at one of the 45 Boston Support Centers, see table overleaf.

About the Institution and International Recognition

Boston City Campus & Business College (Pty) Ltd Reg. No. 1996/013220/07 is registered with the Department of Higher Education and Training (DHET), as a private higher education institution, No. 2003/HE07/002, in terms of Section 54(1)(c) of the Higher Education Act, 1997 (Act No 101 of 1997), and Regulation 14(4)(a) of the Regulations for the Registration of Private Higher Education Institutions, 2016. Boston is internationally recognised by the British Accreditation Council (BAC). Boston is a member of the Cisco Networking Academy, a global IT and cybersecurity education program that partners with educational institutions to empower learners with skills for career advancement.

| Boston Support Centres 2021 | | |
|-----------------------------|--------------------------|-----------------|
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| • Benoni | • Nelspruit | • Roodepoort |
| • Bloemfontein | • Newcastle | • Rosebank |
| • Braamfontein | • Orange Grove | • Rustenburg |
| • Cape Town | • Paarl | • Somerset West |
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| • East London | • Polokwane | • Springs |
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| • Germiston | • Port Shepstone | • Tzaneen |
| • Johannesburg | • Potchefstroom | • Umhlanga |
| • Kempton Park | • Pretoria Arcadia | • Vereeniging |
| • Kimberley | • Pretoria Lynnwood Glen | • Welkom |
| • Klerksdorp | • Pretoria North | • Witbank |

Disclaimer

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