

## CONTINUOUS PROFESSIONAL DEVELOPMENT COURSES:

Self-paced, Online, International Credentials

### FACT SHEET: PYTHON PROGRAMMING

#### Course overview

How great would it be to develop (write) your own computer program? Or design a web or desktop application that millions of people could enjoy? Both are possible if you learn to code in Python. Python is the very versatile, object-oriented programming language used by start-ups and tech giants, Google, Facebook, Dropbox, and IBM. Python is also recommended for aspiring young developers who are interested in pursuing careers in Security, Networking, and Internet-of-Things.

**This course consists out of one module.**

#### Minimum Entry Requirements

- Open entry

#### What is the Duration of Study?

Duration: 70 hours. 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.

## 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.

### 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		
• Alberton	• Krugersdorp	• Queenstown
• Bedfordview	• Ladysmith	• Randburg
• Bellville	• Mthata	• Richards Bay
• Benoni	• Nelspruit	• Roodepoort
• Bloemfontein	• Newcastle	• Rosebank
• Braamfontein	• Orange Grove	• Rustenburg
• Cape Town	• Paarl	• Somerset West
• Durban City	• Pietermaritzburg	• Soweto
• East London	• Polokwane	• Springs
• George	• Port Elizabeth	• Stanger
• 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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