

## Cisco Certified Network Associate Routing and Switching (CCNA)

### Programme Details:

CCNA Routing & Switching has four modules designed to provide classroom and laboratory experience in current and emerging networking technology and help students prepare for certification as a Cisco Certified Network Associate (CCNA). The four modules are: CCNA Routing & Switching 1: Introduction to Networks, CCNA Routing & Switching 2: Switching Essentials, CCNA Routing & Switching 3: Scaling Networks and CCNA Routing & Switching 4: Connecting Networks. The number at the end of the module in parenthesis indicates the credit load of the module. 1 credit is equal to 10 hours of learning (guided, in-class and independent combined); therefore a 15-credit module requires on average 150 hours of learning from the student.

### Core Modules:

- C2 - CR1 - 17: CCNA Routing & Switching 1: Introduction to Networks (15)
- C2 - CR2 - 17: CCNA Routing & Switching 2: Switching Essentials (15)
- C2 - CR3 - 17: CCNA Routing & Switching 3: Scaling Networks (15)
- C2 - CR4 - 17: CCNA Routing & Switching 4: Connecting Networks (15)

### Recommended full-time study path: 1 year Semester 1:

- C2 - CR1 - 17, C2 - CR2 - 17

### Semester 2:

- C2 - CR3 - 17, C2 - CR4 - 17

### Admissions Criteria

Senior secondary school leaving certificate such as BGCSE, LGCSE or equivalent Candidates above 25 years with at least 5 years of work experience, of which at least 2 years must be at Level 4 equivalent may be considered under mature entry criteria.

## Certificate Level 3 in Desktop Publishing

### Programme details:

The Certificate in Desktop Publishing is one year programme offered in two semesters at Botho University.

The students enrolled in this programme will study adobe Photoshop, adobe flash, entrepreneurship, adobe illustrator, adobe In design and adobe Dreamweaver. They shall apply appropriate technological (Adobe Photoshop, Adobe Illustrator, In Design and Dreamweaver) platforms, trends and language to create visual exciting designs in creative industry. Also the training will expose students to knowledge of entrepreneurship to identify and start new business ventures, and adequately manage resources.

The programme will expose the students to practical knowledge of multimedia design techniques, technologies and applications, as they learn to use cutting-edge software, such as Adobe In Design, Adobe Photoshop, In design, Flash and Dream weaver to design and layout text and graphics for use in print and multimedia. The students who graduate will be able to work in the various fields of multimedia industry as Desktop publisher, Multimedia Artist/Animator, Electronic-publisher specialist, Graphic designer, Web based Developer etc.

### Core modules:

#### Semester 1

- C3 - CPP - 15: Creative publication using Photoshop (20)
- C3 - CPF - 15: Creative Publication using Flash (20)
- B3 - ENT - 15: Entrepreneurship (20)

#### Semester 2

- C3 - DCP - 15: Designing Creative publication using Illustrator (20)
- C3 - DCD - 15: Designing Creative publication using In Design, and Dreamweaver (20)
- C3 - PPR - 15: Professional Practice (20)

### Admissions Criteria

Junior secondary school leaving certificate such as JCE or equivalent. Mature Age entry criteria: Candidates above 20 years with at least 5 years of work experience, of which at least 2 years must be at Level 2 equivalent may be considered under mature entry criteria.



14-07-2022

<u>Course Code</u>	<u>Course Description</u>	<u>Credits</u>	<u>Elective List</u>	<u>Pre-Requisite List</u>	<u>Co-Requisite List</u>	<u>PreElect</u>	<u>ResourceList</u>
<u>CNA-2CE-17</u>	<u>CISCO Certified Network Associate - Routing and Switching</u>			Weeks:52.00 Credits: 60.00			
<u>Core</u>							
C2-CR1-17	CCNA Routing & Switching 1	15.00					
C2-CR2-17	CCNA Routing & Switching 2	15.00					
C2-CR3-17	CCNA Routing & Switching 3	15.00					
C2-CR4-17	CCNA Routing & Switching 4	15.00					
<u>4</u>		<u>60.00</u>					
<u>4</u>		<u>60.00</u>					