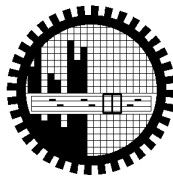


Cisco Networking Academy Program

Department of Computer Science and Engineering

Bangladesh University of Engineering and Technology



January 2018

Information for Admission to CCNA Routing and Switching Course

Please read carefully before submitting your application

1. The Routing and Switching Course under Cisco Certified Network Associate (CCNA) Program is a complete, four-semester program on the principles and practice of designing, building, and maintaining networks capable of supporting national and global organizations. Cisco provides course work for a complete range of basic through advanced networking concepts – from pulling cable to such complex concepts as subnet masking rules and strategies. In a laboratory setting that closely corresponds to the real world, students get their hands on the building blocks of today’s global information networks, learning by doing as they design and bring to life local-area and wide-area networks

The curriculum followed in this program is the latest from Cisco Networking Academy. As mentioned above, it is called Routing and Switching Course. This course, an updated version of previously taught CCNA Exploration/Discovery, has been introduced in the middle of year 2013. It offers in-depth theory, challenging labs, and a detailed overview of protocol operations. Through this program students will be able to prepare themselves for the Cisco Certified Network Associate (CCNA) examination. Students will be prepared to take the Cisco CCENT® certification exam after completing a set of two courses or the CCNA Routing and Switching certification exam after completing a set of four courses. The curriculum also helps students develop workforce readiness skills and builds a foundation for success in networking-related careers and degree programs.

2. There will be four semesters to be completed in a span of approximately seven months.
3. Classes will be held three days a week as per the following schedule:

- Class days and time: *Saturday, Monday and Wednesday*, 5:30 to 8:30 PM

4. There are four categories of students who are eligible to get admission directly without admission test; they will be admitted as first-come-first-serve basis during admission process. The rest of the students appear in an admission test and have to pass to get admitted in the program. The four categories of students who will be directly admitted are as follows:
 - a. A graduate/B.Sc. in any Engineering (Computer, Electrical, Civil, etc.)/Science subject (Physics, Chemistry, Math, etc.) from any university.
 - b. A student in any Engineering (Computer, Electrical, Civil, etc.)/Science subject (Physics, Chemistry, Math, etc.) from any university.
 - c. An information technology professional having two years of experience (programmer, network engineer, system analyst, software engineer, system administrator).

However, they must apply online properly just like the other applicants during the admission process. They will be directly admitted as first-come-first-serve basis. The deadline for direct admission is Sunday, January 07, 2018 to Tuesday, February 06, 2018 11:00 AM. A candidate eligible for direct admission must get himself admitted by this time after paying Taka 350/- as application fee and Taka 10,500/- (ten thousand and five thousand only) as admission fee. The detailed breakdown of the amount is mentioned in 15. During admission, a candidate must produce relevant document which should be sufficient to prove his eligibility for direct admission as stated above.

5. Qualification to seat for the admission test are the following:

- (a) Basic computer skill.
 - (b) At least Higher Secondary Certificates (HSC) or equivalent from any institution.
 - (c) No third division/class in Secondary School Certificate (SSC) and Higher Secondary Certificate (HSC) examination or equivalent.
6. For direct admission and admission test, admission forms will be available online at the BUET Cisco Network Academy Program website: <http://cse.buet.ac.bd/cnap/> from Sunday, January 07, 2018 to Tuesday, February 06, 2018. Students who will get direct admission or who will sit for admission test will follow the same procedure for admission, except that the earlier do not need admission test. To apply online, please follow the steps below.
- (i) Go to the url: http://cse.buet.ac.bd/cnap/onlineapp_ccnae.php and click on “Apply Online”
 - (ii) Fill up the online admission form properly and press the ‘Submit’ button. A .pdf version of the receipt for application fee will be available for download.
 - (iii) Download the .pdf file and print it on an A4 size paper.
 - (iv) Submit the printed hard copy of the receipt in the office of the Department of Computer Science and Engineering (West Palashi Academic Building, 3rd Floor, West Wing) along with a payment of Taka 350/- (three hundred and fifty only). This fee can be submitted from Sunday, January 07, 2018 to Tuesday, February 06, 2018 11:00 AM, during office hours on working days: Saturday through Wednesday. (Note that BUET is closed on Thursday and Friday). For those requiring admission test, i.e., not eligible for direct admission (c.f. 4), your part of the receipt

will act as the admit card during admission test.

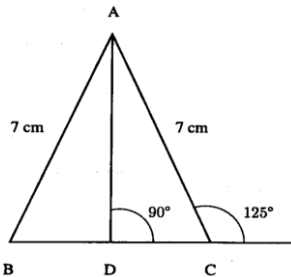
7. Please remember that your online application will be invalid if you fail to pay the application fee before the stipulated deadline.
8. The direct admission will be closed on Tuesday, February 06, 2018.
9. List of candidates eligible for the admission test will be published on Wednesday, February 07, 2018.
10. Admission test will be held on Friday, February 09, 2018 10:00 AM to 10:50 AM in the BUET premises. This test will be the only basis for admission to the course.
11. The structure of the admission test will be as follows:
 - (a) There will be a total of one fifty multiple choice questions to be answered in sixty minutes.
 - (b) Candidates will select the correct answer by blackening the corresponding circle in the OMR form.
 - (c) All questions will be in English.
 - (d) Subjects included in the admission test will be,
 - (i) Quantitative and Analytical Aptitude (30 questions),
 - (ii) English (reading comprehension, 10 questions),
 - (iii) Basics of Computer Usage (10 questions).
 - (e) Quantitative and Analytical Aptitude section will include problems from arithmetic, algebra, geometry (Secondary School Certificate level) and analytical reasoning capabilities. A couple of questions for this section can be:

If n is an even number then if $3n$ is divided by 6, the remainder will be:

- A. 1, B. 0, C. 3, D. 0 or 1

The correct answer is B.

In the following figure $\angle BAD$ is equal to:



- A. 62.5° , B. 30° , C. 35.5° , D. 35°

The correct answer is D.

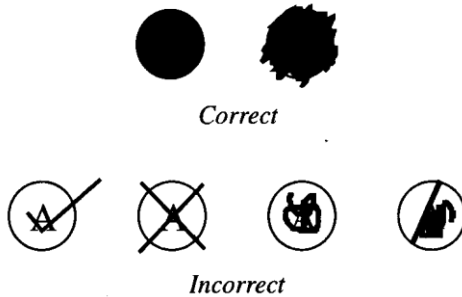
- (f) Basics of Computer Usage section will include questions to test familiarity with basic computer usage. A sample question for this section can be:

Which of the following program is used to open files with .pdf extension?

- A. Microsoft Word B. Adobe Acrobat Reader
C. Notepad++ D. Microsoft Paint

The correct answer is B.

- (g) Calculators are not allowed in the admission test.
- (h) Candidates must bring their own pen, pencil, eraser, sharpener etc. No borrowing will be allowed during the test.
12. The candidates must be very careful in the marking the OMR sheet. It must be remembered that the sheets will be evaluated automatically using OMR machine, and improper marking will give erroneous results. The following figure shows correct and incorrect ways of marking the OMR sheet:



13. Admission test results comprising of “List of Selected Candidates” and “Waiting List” will be published on Friday, February 09, 2018. Out of a total of 60 seats, a number of seats will be reserved for previous students (who could not complete the course due to unforeseen reasons) and directly selected candidates (c.f. 4). The remaining seats will be filled up on the basis of admission test result (c.f. 10).
14. Candidates from the “List of Selected Candidates” will have to get themselves admitted to the program from Saturday, February

10, 2018 to Saturday, February 17, 2018 5:00 PM on working days (Saturday through Wednesday). During admission, a candidate must produce original copies of all the certificates and/or mark sheets which should be sufficient to prove the qualification stated in 5.

15. For admission, the candidate will need to pay Taka 10,500/- (ten thousand and five thousand only). Detailed breakdown of fees are:
 - (a) Admission fee of Taka 1,500/- (one thousand and five hundred only). Payable only in the first semester.
 - (b) Course fee for each semester, Taka 9,000/- (nine thousand only). Payable at the beginning of each of the four semesters.

Thus, a student will pay a total of Taka 37,500/- (thirty seven thousand and five hundred only) in the four semesters.

16. All the fees must be paid in the form of Bank Draft/Pay Order payable to “Director, BRTC, BUET”. The fees can be paid on working days (Saturday through Wednesday) during office hours.
17. If any seat remains vacant after the admission process mentioned in 14, a list of candidates selected from waiting list will be published on Saturday, February 17, 2018.
18. Candidates from this list will have to get themselves admitted from Sunday, February 18, 2018 to Monday, February 26, 2018.
19. Classes will start on Monday, February 19, 2018.

20. Grades in each semester will be assigned based on performances in- (i) Chapter examinations, (ii) Attendance and class performance (based on participation and contribution in laboratory classes), (iii) A comprehensive written examination containing short and MCQ problems to be held at the end of each semester, (iv) Online Semester final examination, (v) Assignments, (vi) Skill final examination, (vii) Any other item the instructor feels appropriate. A student needs to secure at least 70% marks separately in chapter examinations, online final and skill final and at least 40% marks in written final in order to get promoted to the next semester.
21. A weighted sum of items mentioned in 20 will be found and grades will be assigned as per the following table:

Marks	Grade	Grade Point
More than or equal to 90%	A plus	4.00
More than or equal to 85 to less than 90%	A regular	3.75
More than or equal to 80 to less than 85%	B plus	3.50
More than or equal to 75 to less than 80%	B regular	3.25
More than or equal to 70 to less than 75%	C plus	3.00
More than or equal to 65 to less than 70%	C regular	2.75
More than or equal to 60 to less than 65%	D regular	2.50
Less than 60%	F	0.00

22. A student will be allowed only a maximum of two attempts for each final examination. A third attempt may be allowed only at the discretion of the Primary Instructor. However, a fee of Tk. 1000/- (taken one thousand only), payable in advance, for each examination will be applicable for this. Each of written final, online final or skill final will be considered as a separate examination regarding fees.
23. A male student and a female student from each batch securing the highest combined percentage of marks in a semester will be

waived of his/her tuition fee in the next semester. However, this will be applicable only to those students who take the final examinations on regular dates and get the marks in the first attempt. Also, the minimum combined percentage of marks secured needs to be 80% in order to be eligible for this tuition fee waiver. A student who secures the highest marks in 4th semester will have his/her tuition fee refunded at the end of the semester.

24. For a student who is unable to pass any of the semesters, his/her overall record will be judged by the authority. If the authority feels that the failure of the student was beyond the control of the student such as due to some natural causes (illness etc.), the student may be awarded an 'I' (incomplete) grade. In this case, special self-study and examination sessions may be arranged. However, if the failure is due to negligence of the student, such special consideration will not be regarded.
25. A student will be allowed to enroll in as many semesters as he/she likes to complete all the four semesters. However, the prevailing semester fee at that time needs to be paid for each semester. When a student successfully finishes all the four semesters, the caution money will be refunded.
26. During the tutorial classes the student will get an opportunity to study the hypertext based online curriculum of the program. They are also given a password protected account in the Cisco Networking Academy Connection to view the same material. While it is not mandatory, it is strongly recommended that students arrange an Internet connection at their home on personal basis.
27. After successful completion of the course, students will be awarded a certificate signed by the Legal Main Contact of the Academy.

28. A student participating in the program cannot be considered to be a student of BUET and any other benefit except directly related to the program during class hours will not be admissible.

29. Summary of important dates.

- Availability of online admission forms, both for direct admission and admission test: Sunday, January 07, 2018 to Tuesday, February 06, 2018.
- Candidates eligible for direct admission can deposit the application fee of Tk. 350/- and the admission fee of TK. 10,500/- (bank draft/pay order) from Sunday, January 07, 2018 to Tuesday, February 06, 2018
- Deposit of application fee for students requiring admission test: Sunday, January 07, 2018 to Tuesday, February 06, 2018 11:00 AM.
- List of eligible candidates for admission test published: Wednesday, February 07, 2018.
- Admission test: Friday, February 09, 2018 10:00 AM to 10:50 AM.
- Admission test results published: Friday, February 09, 2018.
- Admission of selected candidates: Saturday, February 10, 2018 to Saturday, February 17, 2018 5:00 PM.
- List of selected candidates from waiting list published: Saturday, February 17, 2018.
- Admission from waiting list: Sunday, February 18, 2018 to Monday, February 26, 2018.

- Classes start: Monday, February 19, 2018.
30. Through the program, students can learn the information needed to prepare them for the Cisco Certified Network Associate (CCNA) examination. This examination is administered by separate test centers, and BUET has neither any relation nor affiliation with these centers.
 31. Any other information not mentioned in this document or any change required for the best interest of the program will be resolved by the program authority and the students will have to abide by these changes and/or addendum.