

ECSE (EV) Program

Registration Information Booklet SPRING SEMESTER - 2019



NORTHERN UNIVERSITY
B A N G L A D E S H

Prepared & Designed by:
Dept. of CSE Evening Program ,Banani Campus,

House #13, Road # 17, Banani Dhaka 1213, Phone: 9821493-4,
Web: www.nub.ac.bd

Academic Calendar Spring 2019
Semester Spring – 2019

Tuition Payment Structure

- Collect and Submit RRF** (Registration Request form) : December 6 to December 15, 2018
- Approval and Confirmation of Courses from Advisor** : December 6, to December 14, 2018
- Semester Begins** : January 18, 2019
- Add-drop courses if needed** (Section change is not allowed) : January 18 to 26, 2019
(Prerequisite Incomplete & Last semester students)
- Deadline for Payment to Confirm Registration** : February 2, 2019
(Payment should be minimum of 40% of the total tuition fees)
- Late Registration with Tk. 1000/- fine** : January 27, 2019
(Less than 40% payment will be treated as late registration)
- Deadline for Semester Drop** : January 26, 2019 (only semester fee to be paid)
- Class and Exam Schedule:**
 - I) Class Period before Mid-Term : January 18, 2019 to February 16, 2019
 - II) **Mid-Term Examinations** : February 22, 2019 to March 2, 2019
 - III) Class Period before Final : March 8, 2019 to April 13, 2019
 - IV) **Final Examinations** : April 19 to 27, 2019
- Publication of Results** : May 9, 2019
- Classes Start for Summer 2019** : May 17, 2019
- “Students must complete Teaching Efficiency Rating (TER) before the final exams. If any student fails to fill up TER Form, his/ her results will remain withheld automatically.”**

Option 1	Option 2 (Pay in Installments)	Payment Date
Pay 100% of the semester tuition and other fees at the time of registration Otherwise use option 2 →	: (Within one week of class starts) ➤ Pay minimum 40% of the semester tuition and other fees. ➤ If fails a student will be fined Tk.1000/= to be paid within one week after expiry of deadline.	February 02,2019
	: (Before Mid Term Exam) ➤ Pay minimum 30% of the rest of the semester tuition fees. ➤ Failure to pay as specified, a student will be fined Tk.1000/=	February 21,2019
	: (Before Final Exam) ➤ Pay remaining balance of the semester tuition fees. ➤ Failure to pay as specified, a student will be barred from attending Final Examinations.	April 18,2019

N. B. For full registration Package please visit: www.nub.ac.bd

Offering of the Courses for the program of Bachelor of Science in Computer Science and Engineering (CSE): Spring-2019 (Evening)

Sem.	SL	Course Code	Sec	Course Title	Cr. Hr.	Pre-Requisites
1 st	1.	MATH 1101	A	Mathematics I (Differential Calculus & Integral Calculus)	3	None
	2.	ENG 1204	A	English II (Advanced)	3	
	3.	PHY 1302	A	Physics II (Electromagnetism, Optics and Modern Physics)	3	
	4.	CSE 1102	A	Structured Programming Language	3	
	5.	CSE 1157	A	Structured Programming Language Lab Work	1	
Total Credit Hours					13	
2 nd 82	6.	MATH 1302	A+B	Mathematics II (Differential Equation & Fourier Analysis)	2	MATH 1101
	7.	CSE 1205	A+B	Electrical Engineering and Circuit Analysis	3	
	8.	CSE 1259	A+B	Electrical Engineering and Circuit Analysis Lab Work	1	
	9.	CSE 1307	A+B	Object- Oriented Programming I (C++)	3	CSE 1102
	10.	CSE 1360	A+B	Object- Oriented Programming Lab Work	1	
	11.	CSE 2111	A+B	Data Structure	3	CSE 1102
	12.	CSE 2162	A+B	Data Structure Lab Work	1	
13.	CSE 1290	A+B	Software Development I (DOS programming)	1	CSE 1102	
Total Credit Hours					15	
3 rd 100	14.	MATH 2103	A+B+C	Mathematics III (Matrices, Vectors & Coordinate Geometry)	3	MATH 1302
	15.	CSE 2263	A+B+C	Algorithms Design & Analysis	3	CSE1102,CSE2111
	16.	CSE 2264	A+B+C	Algorithms Lab Work	1	
	17.	CSE 2215	A+B+C	Digital logic Design	3	CSE 1205
	18.	CSE 2265	A+B+C	Digital logic Design Lab Work	1	
	19.	CSE 2319	A+B+C	Database Management System	3	CSE2111,CSE2263
20.	CSE 2367	A+B+C	Database Management Systems Lab Work	1		
Total Credit Hours					15	
4 th 69	21.	MATH 2204	A+B	Mathematics IV (Complex Variable & Laplace Transformation)	2	MATH 1302
	22.	CSE 2215	D+E	Digital logic Design	3	CSE 1205
	23.	CSE 2265	D+E	Digital logic Design Lab Work	1	
	24.	CSE 3168	A+B	Numerical Methods	3	CSE 1205
	25.	CSE 3186	A+B	Numerical Methods Lab work	1	
	26.	CSE 3124	A+B	Microprocessor and Assembly Language programming	3	CSE 1102, CSE 2111
	27.	CSE 3171	A+B	Microprocessor and Assembly Language programming Lab Work	1	
28.	CSE 2291	A+B	Software Development II (Database Programming)	1	CSE 2319	
Total Credit Hours					15	
5 th 48	29.	MATH 2305	A	Mathematics V (Statistics and Probability)	2	CSE 2215
	30.	CSE 2317	A	Digital Electronics & Pulse Technique	3	CSE 1205
	31.	CSE 2366	A	Digital Electronics & Pulse Technique Lab Works	1	
	32.	CSE 3169	A	Theory of Computation	3	
33.	CSE 3170	A	Computer Architecture	3	CSE2215	
Total Credit Hours					12	
6 th 61	34.	CSE 3228	A+B	Compiler Design	3	CSE 3169
	35.	CSE 3272	A+B	Compiler Design Lab Work	1	
	36.	CSE 3331	A+B	Operating System	3	CSE 3170
	37.	CSE 3373	A+B	Operating System Lab Work	1	
	38.	CSE 3333	A+B	Object –Oriented Programming II (Java)	3	CSE 1307
	39.	CSE 3374	A+B	Object –Oriented Programming II Lab Work	1	
40.	CSE 3227	A+B	Data Communication	3	MATH 2204,CSE 2215	

Registration Booklet, CSE Evening Program, NUB, Semester Spring 2019

Sem.	SL	Course Code	Sec	Course Title	Cr. Hr.	Pre-Requisites
Total Credit Hours					15	
7 th 33	41.	CSE 3230	A	Software Engineering	3	CSE 1205
	42.	CSE 4136	A	Computer Networks	3	CSE 3227,CSE3375
	43.	CSE 4176	A	Computer Networks Lab Work	1	
	44.	CSE 4138	A	Computer Peripherals and Interfacing	3	CSE 3227,CSE3124
	45.	CSE 4177	A	Computer Peripherals and Interfacing Lab Work	1	
	46.	CSE 4349	A	Management Information System	3	
	47.	CSE 4389	A	Field Work (Industrial Training)	1	
Total Credit Hours					15	
8 th 20	48.	IPE 4101	A	Industrial Management	2	MATH 2103
	49.	CSE 4355	A	Artificial Intelligence and Expert Systems	3	CSE2263, CSE1102
	50.	CSE 4385	A	Artificial Intelligence and Expert Systems Lab Work	1	
	51.	CSE 4278	A	Computer Graphics and Multimedia System design	3	CSE 3170, CSE 2263
	52.	CSE 4288	A	Computer Graphics Lab Work	1	
	53.	CSE 4241	A	VLSI Design	3	CSE 3170
	54.	CSE 4279	A	VLSI Design Lab Work	1	
Total Credit Hours					14	
9 th 48	55.	CSE 2317	B	Digital Electronics & Pulse Technique	3	CSE2263, CSE1102
	56.	CSE 2366	B	Digital Electronics & Pulse Technique Lab Works	1	
	57.	CSE 4351	A	Image Processing & Computer Vision	3	CSE 3170, CSE 2263
	58.	CSE 4383	A	Image Processing & Computer Vision Lab Work	1	
	59.	CSE 4000	A	Project & Thesis	4	
Total Credit Hours					12	

Goutam Paul
Lecturer & Coordinator of ECSE

Md. Raihan-Ul-Masood
Assistant Professor & Head
Department of CSE

ECSE Program, Spring-2019

Mid-Term and Final Examination Schedule, ECSE Program, Spring-2019

Exam Day	1 st Slot	2 nd slot
DAY-1	ENG 1204: English II (Advanced)(1) MATH2103: Mathematics III (Matrices, Vectors & Coordinate Geometry)(3) CSE3170: Computer Architecture(5) CSE4136: Computer Networks (7) CSE 4351:Image Processing & Computer Vision(9)	CSE2111: Data Structure(2) MATH2204: Mathematics IV (Complex Variable & Laplace Transformation)(4) CSE3331: Operating Systems(6) CSE4241: VLSI Design (8)
DAY-2	CSE 1102: Structured Programming Language(1) CSE2263: Algorithm Design & Analysis(3) MATH2305: Mathematics V (Statistics and Probability) (5) CSE4138: Computer Peripherals and Interfacing (7)	Math1302: Mathematics II (Differential Equation & Fourier Analysis)(2) CSE3124: Microprocessor and Assembly Language programming(4) CSE3227: Data Communication(6) IPE 4101 : Industrial Management (8)
DAY-3	PHY 1302: Physics II (Electromagnetism , Optics and Modern Physics)(1) CSE2319: Database Management System(3) CSE2317: Digital Electronics & Pulse Technique(5+9) CSE4349: Management Information System(7)	CSE1307: Object- Oriented Programming I (C++)(2) CSE3168: Numerical Methods (4) CSE3228: Compiler Design(6) CSE4355: Artificial Intelligence and Expert Systems (8)
DAY-4	MATH 1101: Mathematics I (Differential Calculus & Integral Calculus)(1) CSE3169: Theory of Computation (5) CSE 3230: Software Engineering(7)	CSE1205: Electrical Engineering and Circuit Analysis(2) CSE 2215: Digital logic Design (3+4) CSE3333: Object Oriented Programming II (Java) (6) CSE4278: Computer Graphics and Multimedia System design (8)

N. B: The duration of Midterm exam will be for 1.5 hours & Final exam for 02:00 hours.

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Md. Raihan-UI-Masood
Assistant Professor & Head
Department of CSE

List of Students' Advisor

Northern University Bangladesh

Faculty of Science and Engineering

Dept. of ECSE Evening Program

St No	Student ID	Teacher's Name
1	21140200313-21160200422	Md. Ruhul Amin
2	21160200423-21160200485	Goutam Paul
3	21160200486-21170100545	Zakia Afrin
4	21170100547-21170200595	Marjuka Ferdousi Lazin
5	21170200597-21170200641	Md. Jahirul Islam
6	21170200642-21170300702	Md. Saimul Karim Khan
7	21170300703-21180100757	Nasrin Sultana
8	211802100758-21180100801	Asif Mahfuj
9	21180100802-21180200846	Shahid Ishraq
10	21180200847-21180200887	Ms. Kh. Ashrafi Akber
11	21180200888-21180300928	Md. Mesbahus Saleheen
12	21180300929-21180300966	Sarah Tabassum
13	21180300967-21180301007	Tasnim Akter

Academic Rules & Instructions

Registration:

01. Students must register for the courses they wish to attend. Without registration no one is allowed to attend classes.
02. Students may register for 9-12 credits (maximum 4 courses) in a semester. However, a student may take 5 courses, if the conditions are met and the advisor approves it.
03. The optimum size of each class is 50 students. A section may not be offered if less than 15 students enroll for it.
04. A registered student must be paid their tuition fees within the specified deadline, as indicated in the “**tuition fees payment structure**”. Failure to confirm registration by the deadline will result a student to be barred from attending classes.
05. No subject will be allowed together with internship program. Students having **CGPA 3.300** and above may be allowed to take project paper instead of internship program by the respective advisor.
06. Section change within the same course is not allowed once the semester begins.

Examination:

07. The Schedule for the midterm and the final examinations is provided with the booklet (**Registration Package**). It is student’s responsibility to select courses in a way so that those match with class and examination schedule.
08. Special mid-term will be allowed only for medical ground or unavoidable circumstances. The students must apply to the Vice-Chancellor through Head of the Department for special midterm exam. Decision to be given by honorable Vice-Chancellor. A fee of TK.2000/- per course will be charged for special midterm examination.
09. Students may be allowed to seat for special final exam on humanitarian ground, if the Head/Coordinator feels appropriate, the application is to be submitted with supporting documents to the ACAD within 07 days of the completion of exam for the approval of Controller of Examination. A fee of TK.2000/- per course will be charged for special final examination.
10. A student is required to attend 70% classes to be eligible to sit for the semester final examination on a particular course. However, if a student attains 50% to less than 70% class’s attendance, s/he can still attend final examination with a fine of Tk. 1000/- for each course after being permitted by respective Dean/Head.
11. Students attaining less than 50% attendance shall not be allowed to sit for final exam.
12. Students having zero attendance shall not be allowed to sit for mid-term examination except being permitted by the Vice Chancellor

Academic Dismissal:

13. A student will be dismissed from university if his/her GPA fall **below 2.00** for consecutive 3 semesters, or gets F,X,Y grades in fourth attempts, or breach any of the university regulations.

Semester Leave:

14. A registered student who requires semester leave on valid ground must obtain permission before the commencement of the semester. The length of leave is a maximum of two semesters .The student taking semester leave must pay TK.1000/- as semester leave fee.

Semester Drop:

15. A registered Student must pay only semester fee of the semester if s/he applies for semester drop within one week of the commencement of the semester in consent of their Guardians/Parents, after this time limit and before midterm exam, Student must pay 50% of total tuition fees and after midterm exam s/he is liable to pay 100% of total payable amount for that particular semester.

Course Improvement/Retake:

16. i) For an ‘F’ grade & Improvement of any grade the course must be repeated within the next 3(three) consecutive semesters but pre- requisite course/s must be repeated on priority basis.
ii) As for the improvement of grade of any course, the incumbent student may be allowed to repeat for improvement of that course only once if s/he earns up to ‘A-’ grade. It must be taken within the next 3 (three) consecutive semesters.
17. Students are required to complete total credits of the program.

Disclaimer:

The authority reserves all the rights to change, add, and/or cancel anything in the registration information booklet including academic calendar, class routine, exams schedule, and course offering.