

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. The optimum size of each class is 50 students. A section may not be offered if less than 15 students enroll for it.
03. Registration must be confirmed with appropriate payments by the specified deadline, as indicated in the “**tuition payment structure**”. Failure to confirm registration by the deadline will result a student to be barred from attending classes.
04. Section change within the same course is not allowed once the semester begins.

Examination:

05. 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.
06. Special mid-term will be allowed only for humanitarian ground. The students must apply to the Vice-Chancellor through Controller of Examination for special midterm exam. Decision to be given by honorable Vice-Chancellor. A fee of TK.1000/- per course will be charged for special midterm examination.
07. 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 to the ACAD with 07 days of the completion of exam for the approval of Controller of Examination. A fee of TK.1000/- per course will be charged for special final examination.
08. 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% attendance, s/he can still attend final examination with a fine of Tk. 1000/- for each course after being permitted by respective Dean/Head.
09. Students attaining less than 50% attendance shall not be allowed to sit for final exam.
10. Students having zero attendance shall not be allowed to sit for mid-term examination except being permitted by the Vice Chancellor

Academic Dismissal:

11. 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:

12. 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:

13. A registered Student must pay only semester fee of the semester if s/he applies for semester drop within one weeks of the commencement of the semester in presence of their Guardians/Parents, and after this time limit, s/he is liable to pay 100% of total payable amount for that particular semester. For semester drop, Parents/Guardians must remain present while submitting application.

Course Improvement/Retake:

14. 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 ‘B’ grade. It must be taken within the next 3 (three) consecutive semesters.
15. 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.

Academic Calendar Fall 2017

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|---|---|
| <input type="checkbox"/> Registration Date (by student portal) | : August 02 to August 18, 2017 |
| <input type="checkbox"/> Semester Begins | : September 09, 2017 |
| <input type="checkbox"/> Add-drop courses if needed (Section change is not allowed)
<i>(Prerequisite Incomplete & Last semester students)</i> | : September 09 to 18, 2017 |
| <input type="checkbox"/> Deadline for Payment to Confirm Registration
<i>(Payment should be minimum of 40% of the total tuition fees)</i> | : September 24, 2017 |
| <input type="checkbox"/> Late Registration with Tk. 1000/- fine
<i>(Less than 40% payment will be treated as late registration)</i> | : September 25 to October 05, 2017 |
| <input type="checkbox"/> Deadline for Semester Drop
<i>(Filled the Prescribe Form available in ACAD)</i> | : September 09 to 24, 2017 (only semester fee to be paid) |
| <input type="checkbox"/> Class and Exam Schedule: | |
| I) Class Period before Mid-Term | : September 09 to October 12, 2017 |
| II) Mid-Term Examinations | : October 14 to 22, 2017 |
| III) Class Period before Final | : October 21 to December 07, 2017 |
| IV) Final Examinations | : December 10 to 19, 2017 |
| <input type="checkbox"/> Publication of Results | : December 31, 2017 |
| <input type="checkbox"/> “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. | |

Tuition Payment Structure

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 →	<u>Installment 1: (Within one week of class starts)</u> ➤ 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.	September 24,2017
	<u>Installment 2: (Before Mid Term Exam)</u> ➤ Pay minimum 30% of the rest of the semester tuition fees. ➤ Failure to pay as specified, a student will be fined Tk.1000/=	October 12, 2017
	<u>Installment 3: (Before Final Exam)</u> ➤ Pay remaining balance of the semester tuition fees. ➤ Failure to pay as specified, a student will be barred from attending Final Examinations.	December 09, 2017

- Note:
- Once a student registers for the Semester, s/he is liable to pay 100% tuition fees for that particular Semester.
 - Above rules supersedes all previous rules.

Offering of the Courses for the program of Bachelor of Science in Computer Science and Engineering (CSE): Fall-2017(Day)

Sec .	Course Code	Course Title	Cr. Hr.	Pre-Requisite	Semester	Course Instructor
A	MATH 1101	Mathematics I(Differential Calculus and Integral Calculus)	3.00		2 nd	
A	PHY 1201	Physics-II (Electromagnetism, Optics and Modern Physics)	3.00			
A	PHY 1303	Physics Lab work	1.00			
A	CSE 1102	Structured Programming Language	3.00			
A	CSE 1157	Structured Programming Language Lab	1.00			
A	ENG 1102	English Language-II : Listening & Speaking	3.00			
A+ B	MATH 1302	Mathematics II(Differential Equation &Fourier Analysis).	3.00	MATH 1101	3 rd	
A	CSE 2111	Data Structure	3.00	CSE 1102		
A	CSE 2162	Data Structure Lab	1.00	CSE 1102		
A	GED 2107	World History and Civilization	3.00			
A	CSE 1205	Electrical Engineering & Circuit Analysis	3.00			
A	CSE 1259	Electrical Engineering & Circuit Analysis Lab	1.00			
A	CSE 1290	Software Development I	1.00	CSE 1102		
A	CSE 2215	Digital logic Design	3.00	CSE 1205	4 th	
A	CSE 2265	Digital logic Design Lab Work	1.00	CSE 1205		
A	CSE 1205	Electrical Engineering & Circuit Analysis	3.00			
A	CSE 1259	Electrical Engineering & Circuit Analysis Lab	1.00			
A	CSE 1307	Object Oriented Programming I(C++)	3.00	CSE 1102		
A	CSE 1360	Object Oriented Programming I(C++) Lab	1.00	CSE 1157		
A	MATH 2103	Mathematics-III (Matrices, Vector & Coordinate Geometry)	3.00	MATH 1302		
A	CSE 3168	Numerical Methods	3.00	CSE 2111	5 th	
A	CSE 3186	Numerical Methods Lab	1.00	CSE 2111		
A	CSE 3124	Microprocessor and Assembly Language	3.00	CSE 2215		
A	CSE 3171	Microprocessor and Assembly Language Lab	1.00	CSE 2215		
A	CSE 3169	Theory of Computation	3.00	CSE 2111		
A	MATH 2204	Mathematics IV (Complex Variable & Laplace Transformation)	2.00	MATH 1302		

A+B	CSE 2263	Algorithm Design & Analysis	3.00	CSE 1102 CSE 2111	6 th	
A+B	CSE 2264	Algorithm Design & Analysis Lab	1.00	CSE 1102 CSE 2111		
A+B	CSE 3227	Data Communication	3.00	MATH2204 CSE 2215		
A+B	MATH 2305	Mathematics V (Statistics and Probability)	3.00	MATH 2103		
A+B	CSE 3169	Theory of Computation	3.00	CSE 2111 CSE 2263		
A+B	CSE 2291	Software Development II(Database programming)	1.00			
A+B	HUM1301	Economics	2.00			
A	CSE 3226	Mathematical Analysis for Computer	3.00	CSE 2111 MATH 2305	7 th	
A	CSE 4349	Management Information System	3.00	CSE 3230		
A	CSE 3170	Computer Architecture	3.00	CSE 2215		
A	CSE 3187	Computer Architecture Lab	1.00	CSE 2215		
A	CSE 3333	Object-Oriented Programming-II(Java)	3.00	CSE 1307		
A	CSE 3374	Object-Oriented Programming-II Lab Work	1.00	CSE 1307		

A	CSE 3331	Operating Systems	3.00	CSE3170	8th & Above	
A	CSE 3373	Operating Systems Lab	1.00	CSE3170		
A	CSE 3333	Object-Oriented Programming-II(Java)	3.00	CSE 1307		
A	CSE 3374	Object-Oriented Programming-II Lab Work	1.00	CSE 1307		
A	CSE 4355	Artificial Intelligence & Expert System	3.00	CSE 1258 CSE 2263		
A	CSE 4385	Artificial Intelligence & Expert System Lab Work	1.00	CSE 1258 CSE 2263		
A	CSE 4351	Image Processing & Computer Vision	3.00	CSE 4355		
A	CSE 4383	Image Processing & Computer Vision Lab Work	1.00	CSE 4355		
A	CSE 4138	Computer Peripherals & Interfacing	3.00	CSE 3227 CSE 3124		
A	CSE 4177	Computer Peripherals & Interfacing Lab Work	1.00	CSE3227 CSE 3124		
A	CSE4136	Computer Network	3.00	CSE3227 CSE 3375		
A	CSE4176	Computer Network Lab	1.00	CSE 3227 CSE 3375		
A	HUM3302	Financial & Managerial Accounting	2.00			
A	CSE 4389	Industrial Training	1.00			
A	CSE 4000	Project and Thesis	4.00			
A	ME 4101	Industrial Management	2.00			

Northern University Bangladesh
Department of CSE (Day)

Student's Advisor List, Fall 2017

SL	Faculty Name	Faculty ID	Student's ID Range
01	Md. Raihan-Ul-Masood	NUB1007485	CSE170101076 – CSE170201133
02	Bulbul Ahamed	NUB0607504	CSE160200994 – CSE160201021
03	Md. Ruhul Amin	NUB1008626	CSE110200650 – CSE130100754
04	Farhana Huq	NUB9121076	CSE130100761 – CSE130300799
05	Sanjida Akter	NUB9151370	CSE140100800 - CSE140300869
06	Zakia Afrin	NUB9151369	CSE150100872 – CSE160100948
07	Marjuka Ferdousi Lazin	NUB01171541	CSE170101041 – CSE170101074
08	Muhammed Tawfiq Chowdhury	NUB9161506	CSE160100951 - CSE160100989
09	Md. Siamul Karim Khan	NUB05171566	CSE160301022 - CSE160301040

Md. Raihan ul Masood
Asst. Professor & Head
Department of CSE

Department of Computer Science and Engineering

Class Schedule, Fall -2017 (Day)

DAY	ROOM	09:00-10:30	10:40-12:10	12:20-1:50	2:20-3:50	4.00-5:30
SUNDAY & TUESDAY	402 (40)		MATH 2103 MJI	CSE 4349(7) FH	CSE 3226(7) TBA	
	502 (40)	MATH 2305 (A)(6) SE	CSE 2263(B)(6) RA	PHY 1302(2) TBA	CSE 1307 FL	
	506(30)	MATH 2305 (B)(6) MJI	CSE 2215(4) GP		CSE 4138(8++) GP	
	TBA	CSE 3331(8++) TBA	MATH 2204(5) MJI		MATH 1101(2) MSZ	
			CSE 2263(A)(6) FL			
	1201(40)	HUM 1301(B)(6) TBA	MATH 1302(B)(3) MSZ		CSE 4351(8++) TBA	
	PHYSICS LAB		PHY LAB(1)			
	CIRCUIT LAB		CSE 1259 TBA	CSE 2265(4) GP / CSE 4177(8++) GP		
	INTERNET LAB (40) (1102)		CSE 3373(8++) TBA	CSE 1360 FL/ CSE 2264(A)(6) FL		
	PROGRAMMING LAB (20)		CSE 2111(A)(3) SAK	CSE 2162(A) (4) SAK / CSE 2162(B) (3) SAK	CSE 2111(B) (3) SAK	CSE 4383(8++) TBA
	NETWORK LAB(30)		CSE 3333(7++) RUM	CSE 3374(7++) RUM CSE 2264(B)(6) RA		
MONDAY & WEDNESDAY	402 (40)	MATH 1302(A)(3) MJI	CSE 4136(8++) RA	CSE 3124(5) MTC		
	502 (40)	CSE 1205(A)(3+4) TBA	CSE 3227(B)(6) FH	CSE 3227(A)(6) FH	CSE 4355(8++) TBA	CSE 3169(B) SKK
	506(30)	ENG 1102(2) TBA	CSE 3169(A) (5+6) SKK	GED 2208 (B) (3) TBA	CSE 3170(7) TBA	
		HUM 3302(8++) TBA		CSE 3169(B) (5+6) SKK		
	1103(30)	HUM 1301(A)(6) TBA	CSE 3168(5) ZA	CSE 1205(A)(3+4) TBA	GED 2208 (A) (3) TBA	
	PHYSICS LAB					
	CIRCUIT LAB		CSE 1259(A)(3+4) TBA/ CSE 1259(B)(3+4) TBA/		CSE 3171(5) MTC	
	INTERNET LAB (40)	CSE 3186 (5) (MON) ZA		CSE 2264(B) RA CSE 4176(8++) RA		CSE 3187(7) TBA
	PROG. LAB (20)					CSE 4385(8++) TBA
	NETWORK LAB (30)		CSE 1102(2) SAK	CSE 1157(2) SAK		

List of the Faculty:

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| <ul style="list-style-type: none"> 01. EAS: Prof. Dr. Mohd. Ekram Ali Shaikh 02. RUM: Md. Raihan-Ul-Masood 03. MF: Mahfuza Ferdousi 04. BA: Bulbul Ahamed 05. RA: Md. Ruhul Amin 06. FH: Farhana Huq | <ul style="list-style-type: none"> 07. GP: Goutam Paul 08. SAK: Sanjida Akter 09. ZA: Zakia Afrin 10. SHB: Shahed Anzarus Sabab 11. MTC: Muhammed Tawfiq Chowdhury 12. MFL: Marjuka Ferdousi Lazin |
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Exam Schedule, Mid & Final, Fall 2017

Day	10:30 am	2.30 pm
Day 1	MATH 1101: Mathematics I (Differential Calculus and Integral Calculus) CSE4136: Computer Network	CSE 3170 :Computer Architecture MATH 2103: Mathematics-III (Matrices, Vector & Coordinate Geometry) CSE 3227: Data Communication
Day 2	HUM 3302 : Financial & Managerial Accounting CSE 2111: Data Structure	CSE 3168: Numerical Methods
Day 3	CSE 1307: Object Oriented Programming I (C++) PHY 1302 : Physics-II (Electromagnetism, Optics and Modern Physics)	CSE 2263: Algorithm Design & Analysis CSE 3333: Object-Oriented Programming-II (Java) CSE 3331: Operating Systems
Day 4	CSE 3124: Microprocessor and Assembly Language GED 2208: Socio-economic Study of Bangladesh	CSE 4138: Computer Peripherals & Interfacing
Day 5	CSE 1102 : Structured Programming Language CSE 2215: Digital logic Design	HUM 1301 :Economics CSE 4349 : Management Information System
Day 6	CSE 4351: Image Processing & Computer Vision MATH 1302: Mathematics II (Differential Equation &Fourier Analysis)	CSE 3169: Theory of Computation
Day 7	MATH 2305: Mathematics V (Statistics and Probability) CSE 3226: Mathematical Analysis for Computer	ENG 1102: English Language-II : Listening & Speaking CSE 4355 : Artificial Intelligence & Expert System
Day 8	CSE 1205 : Electrical Engineering & Circuit Analysis CSE 1205 : Electrical Engineering & Circuit Analysis	MATH 2204: Mathematics IV (Complex Variable & Laplace Transformation) ME 4101: Industrial Management