

## **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. 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.
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 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.
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 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.
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% 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 ‘B’ 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.*

## Academic Calendar Summer 2018

- |  |   |
|--|---|
| <input type="checkbox"/> Registration Date (by student portal)   | : April 03 to April 15, 2018                        |
| <input type="checkbox"/> <b>Semester Begins</b>  | : <b>May 03, 2018</b>                               |
| <input type="checkbox"/> <b>Add-drop courses if needed (Section change is not allowed)</b><br><i>(Prerequisite Incomplete &amp; Last semester students)</i>  | : May 03 to 15, 2018                                |
| <input type="checkbox"/> <b>Deadline for Payment to Confirm Registration</b><br><i>(Payment should be minimum of 40% of the total tuition fees)</i>  | : May 20, 2018                                      |
| <input type="checkbox"/> <b>Late Registration with Tk. 1000/- fine</b><br><i>(Less than 40% payment will be treated as late registration)</i>  | : May 21 to May 27, 2018                            |
| <input type="checkbox"/> <b>Deadline for Semester Drop</b><br><i>(Filled the Prescribe Form available in ACAD)</i>   | : May 03 to 20, 2018 (only semester fee to be paid) |
| <input type="checkbox"/> <b>Class and Exam Schedule:</b>   |   |
| I) Class Period before Mid-Term  | : May 03 to May 31, 2018                            |
| II) <b>Mid-Term Examinations</b>   | : <b>June 02 to 10, 2018</b>                        |
| III) Class Period before Final   | : June 11 to August 02, 2018                        |
| IV) <b>Final Examinations</b>  | : <b>August 05 to 13, 2018</b>                      |
| <input type="checkbox"/> <b>Publication of Results</b>   | : August 30, 2018                                   |
| <input type="checkbox"/> <b>“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.”</b> |   |

### 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 <b>Otherwise use option 2</b> →	<b><u>Installment 1: (Within one week of class starts)</u></b> ➤ 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.	<b>May 20, 2018</b>
	<b><u>Installment 2: (Before Mid Term Exam)</u></b> ➤ Pay minimum 30% of the rest of the semester tuition fees. ➤ Failure to pay as specified, a student will be fined Tk.1000/=	<b>May 31, 2018</b>
	<b><u>Installment 3: (Before Final Exam)</u></b> ➤ Pay remaining balance of the semester tuition fees. ➤ Failure to pay as specified, a student will be barred from attending Final Examinations.	<b>August 02, 2018</b>

- 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): Summer-2018(Day)

Sec	Course Code	Course Title	Cr. Hr.	Pre-requisite	Instructor	Sem.
A+B	MATH 1101	Mathematics I (Differential Calculus & Integral Calculus)	3.00			2 <sup>nd</sup> (82)
	PHY 1201	Physics I (Heat and Thermodynamics, Properties of Matters, Waves and Oscillations)	3.00			
	CSE 1102	Structured Programming Language	3.00	CSE 1101		
	CSE 1157	Structured Programming Language Lab Work	1.00			
	ENG 1102	English II (Intermediate)	3.00			
	GED 2107	World History and Civilization	3.00			
	<b>Credit</b>		<b>16</b>			
A	MATH 1302	Mathematics II (Differential Equation & Fourier Analysis)	2.00	MATH 1101		3 <sup>rd</sup> (17)
	CSE 2111	Data Structure	3.00	CSE 1102		
	CSE 2162	Data Structure Lab Work	1.00			
	CSE 1205	Electrical Engineering and Circuit Analysis	3.00			
	CSE 1259	Electrical Engineering and Circuit Analysis Lab Work	1.00			
	CSE 1258	Discrete Mathematics	3.00	CSE 1258		
	GED 2107	World History and Civilization	3.00			
	<b>Credit</b>		<b>17</b>			
A	CSE 2215	Digital logic Design	3.00	CSE 1205		4 <sup>th</sup> (18)
	CSE 2265	Digital logic Design Lab Work	1.00			
	CSE 2109	Electronic Engineering	3.00	CSE 1205		
	CSE 2161	Electronic Engineering Lab Work	1.00			
	CSE 1307	Object- Oriented Programming I (C++)	3.00	CSE 1102, CSE 2111		
	CSE 1360	Object- Oriented Programming Lab Work	1.00			
	MATH 2103	Mathematics III (Matrices, Vectors & Coordinate Geometry)	3.00	MATH 1302		
	<b>Credit</b>		<b>15</b>			
A	CSE 3168	Numerical Methods	3.00	CSE 2111, CSE 2263		5 <sup>th</sup> (45)
	CSE 3186	Numerical Methods Lab work	1.00			
	CSE 3124	Microprocessor and Assembly Language programming	3.00	CSE 2215		
	CSE 3171	Microprocessor and Assembly Language Programming Lab Work	1.00	CSE 3171		
	CSE 1258	Discrete Mathematics	3.00			
	MATH 2204	Mathematics IV (Complex Variable & Laplace Transformation)	2.00	MATH 1302		
	HUM 1301	Economics	2.00			
	<b>Credit</b>		<b>15</b>			
A	CSE 2263	Algorithms Design & Analysis	3.00	CSE 1102, CSE 2111		6 <sup>th</sup> (12)
	CSE 2264	Algorithms Lab Work	1.00			
	CSE 3227	Data Communication	3.00	MATH 2204, CSE 2215		
	MATH 2305	Mathematics V (Statistics and Probability)	2.00	MATH 2103		
	HUM 3302	Financial and Managerial Accounting	2.00			
	CSE 3170	Computer Architecture	3.00	CSE 2215		
	CSE 3187	Computer Architecture Lab work	1.00			
	<b>Credit</b>		<b>15</b>			

A	CSE 3170	Computer Architecture	3.00	CSE 2215		7 <sup>th</sup> (22)
	CSE 3187	Computer Architecture Lab work	1.00			
	CSE 2319	Database Management System	3.00	CSE 2111, CSE 2263		
	CSE 2367	Database Management Systems Lab Work	1.00			
	CSE 3226	Mathematical Analysis for Computer Science	3.00	MATH 2305		
	CSE 2366	Digital Electronics & Pulse Technique Lab Works	1.00			
	CSE 2317	Digital Electronics & Pulse Technique	3.00	CSE 2105		
	HUM 3302	Financial and Managerial Accounting	2.00			
	<b>Credit</b>		<b>17</b>			
A	CSE 3170	Computer Architecture	3.00	CSE 2215		8 <sup>th</sup> (48)
	CSE 3187	Computer Architecture Lab work	1.00			
	CSE 4136	Computer Networks	3.00	CSE 3227, CSE 3375		
	CSE 4176	Computer Networks Lab Work	1.00			
	CSE 3230	Software Engineering	3.00	CSE 3333		
	CSE 3331	Operating System	3.00	CSE 3170		
	CSE 3373	Operating System Lab Work	1.00			
	<b>Credit</b>		<b>15</b>			
A+B	CSE 3228	Compiler Design	3.00	CSE 3169		9 <sup>th</sup> (10) + 10 <sup>th</sup> (12) + 11 <sup>th</sup> (17) + 12 <sup>th</sup> (39)
	CSE 3272	Compiler Design Lab Work	1.00			
	ME 4101	Industrial Management	2.00			
	CSE 3375	Communication Engineering	3.00	CSE 3227		
	CSE 4278	Computer Graphics and MultiMedia System design	3.00	CSE 3170, CSE 2263		
	CSE 4288	Computer Graphics Lab. Works	1.00			
	CSE 4389	Field Work/Industrial Training	1.00			
	CSE 4355	Artificial Intelligence	3.00			
	CSE 4385	Artificial Intelligence Lab	1.00			
	<b>Credit</b>		<b>18</b>			

*NUB Banani Campus, Registration Package, CSE (Day) Program, Summer Semester-2018*

DAY	ROOM#	09:00-10:30	10:40-12:10	12:20-1:50	2:20-3:50	4.00-5:30
<b>SUNDAY &amp; TUESDAY</b>	402 (40)	HUM 1301 FA 5	CSE 3124 MTC 5	PHY 1201 EAS 2		CSE 4349 BA 7 (A+B)
	502 (40)	HUM 3302 SM 6+7	CSE 2317 AM 7	MATH 1302 MJI 3	MATH 1101 MSZ 2	CSE 1258 TBA 4+5
	405(30)	CSE 4355 TBA 8+9		ME 4102 FH 8↑ (ONLY TUE)	CSE 2215 SKK (A) 4 (#R702)	
	506(30)	ENG 1102 AK 2	CSE 3230 TBA 8+9	CSE 3226 RA 7	CSE 3226 RA 7 (A)	
	1201(40)		GED 2107 KSK 2+3	CSE 3331 TBA 8+9		
	DLD LAB					
	CIRCUIT LAB	CSE 2366 AM 7 (TUE)		CSE 2265 SKK (A/B) 4		
	INTERNET LAB (40) (1102)		CSE 4385 TBA 8+9	CSE 3171 MTC 5 SUN/ CSE 1157 RUM (A) 2 TUE	CSE 3373 TBA 8+9	/ CSE 1290 ZA
	PROGRAMMING LAB (20)		MATH 2305 NS 6			
NETWORK LAB (30) 1202		CSE 1307 MFL (A) 4	CSE 2263 MFL (A) 6	CSE 1360 MFL (A) 4/ CSE 2264 MFL (A) 6		
<b>MONDAY &amp; WEDNESDAY</b>	402 (40)		CSE 2109 AM (A) 4	CSE 2109 AM (B) 5+6		
	502 (40)		CSE 3168 ZA (A) 5	CSE 4351 SKK (10+11+12)	MATH 2204 MJI 5	
	506(30)	CSE 1205 SIQ 3	CSE 3227 FH 6	MATH 2103 MJI 4 (A+B)	CSE 3170 TBA 6+7+8+9	
	1103(30)	CSE 3228 TBA 8+9		CSE 4278 TBA 8+9		
	1302		CSE 2319 TBA 7	CSE 375 TBA 8+9		
	DLD LAB			CSE 2367 TBA 7		
	CIRCUIT LAB	CSE 2161 AM (A/B) 4+6	CSE 1259 SIQ 3			
	INTERNET LAB (40)	CSE 3186 ZA (A) 5 (MON)	CSE 3333 RUM 7 A	CSE 3374 RUM 7 A	CSE 4278 RUM (10+11+12)/ CSE 4288 TBA 8+9	CSE 4288 RUM (10+11+12) SUN/ CSE
	PROG. LAB (20)					
	NETWORK LAB (30) 1202	CSE 1157 SAK (A) 2 (MON)	CSE 1102 SAK (A) 2	CSE 2111 SAK (A) 3	CSE 2162 SAK (A) 3 (MON)	CSE 4383 SKK (10+11+12) WED/ CSE 3187 TBA 6+7+8+9
SAT	502 (40)					

**08/01/2018 SAK**

**NB: FOR ANY INCONVENIENCE CONTACT WITH YOUR ADVISOR OR YOUR COURSE TEACHER.**

## Routine of Mid & Final Examination, SUMMER 2018

Day	10:30 am	2.30 pm
<i>Day 1</i>	<b>CSE4136:</b> Computer Network  <b>PHY 1201 :</b> Physics-I(Electromagnetism, Optics and Modern Physics)	CSE 3227: Data Communication  <b>CSE 3168:</b> Numerical Methods
<i>Day 2</i>	<b>HUM 3302 :</b> Financial & Managerial Accounting  <b>CSE 2111:</b> Data Structure	<b>CSE 2109 :</b> Electronic Engineering
<i>Day 3</i>	<b>CSE 1307:</b> Object Oriented Programming I(C++)  <b>CSE 1102 :</b> Structured Programming Language	CSE 2263: Algorithm Design & Analysis  <b>CSE 3333:</b> Object-Oriented Programming-II(Java)
<i>Day 4</i>	<b>CSE 3124:</b> Microprocessor and Assembly Language  <b>CSE 4351:</b> Image Processing & Computer Vision	<b>CSE 4138: Communication Engineering</b>  <b>CSE 1205 :</b> Electrical Engineering & Circuit Analysis
<i>Day 5</i>	CSE 2215: Digital logic Design  <b>ENG 1102:</b> English Language-II : Listening & Speaking  CSE 2317: Digital Electronics and pulse Technique	HUM 1301 :Economics  <b>CSE 4349 :</b> Management Information System
<i>Day 6</i>	<b>MATH 1302:</b> Mathematics II(Differential Equation &Fourier Analysis)	<b>CSE 4178: Computer Graphics and multimedia System</b>
<i>Day 7</i>	<b>CSE 3226:</b> Mathematical Analysis for Computer MATH 2103: Mathematics-III (Matrices, Vector & Coordinate Geometry)	<b>CSE 4241 : VLSI Design</b>  <b>MATH 2204:</b> Mathematics IV ( Complex Variable & Laplace Transformation)
<i>Day 8</i>	<b>MATH 1101:</b> Mathematics I(Differential Calculus and Integral Calculus)  <b>GED 2107 : World History and Civilization</b>	<b>ME 4101:</b> Industrial Management  MATH 2305: Mathematics V (Statistics and Probability)

**Northern University Bangladesh**  
**Department of CSE (Day)**  
**Student's Advisor List, Summer 2018**

<b>SL</b>	<b>Faculty Name</b>	<b>Faculty ID</b>	<b>Student's ID Range</b>
<b>01</b>	<b>Md. Raihan-Ul-Masood</b>	<b>NUB1007485</b>	<b>CSE170101076 – CSE180101239</b>
<b>02</b>	<b>Bulbul Ahamed</b>	<b>NUB0607504</b>	<b>CSE160200994 – CSE160201021</b>
<b>03</b>	<b>Md. Ruhul Amin</b>	<b>NUB1008626</b>	<b>CSE110200650 – CSE130100754</b>
<b>04</b>	<b>Farhana Huq</b>	<b>NUB9121076</b>	<b>CSE130100761 – CSE130300799</b>
<b>05</b>	<b>Sanjida Akter</b>	<b>NUB9151370</b>	<b>CSE140100800 - CSE140300869</b>
<b>06</b>	<b>Zakia Afrin</b>	<b>NUB9151369</b>	<b>CSE150100872 – CSE160100948</b>
<b>07</b>	<b>Marjuka Ferdousi Lazin</b>	<b>NUB01171541</b>	<b>CSE170101041 – CSE170101074</b>
<b>08</b>	<b>Muhammed Tawfiq Chowdhury</b>	<b>NUB9161506</b>	<b>CSE160100951 - CSE160100989</b>
<b>09</b>	<b>Md. Siamul Karim Khan</b>	<b>NUB05171566</b>	<b>CSE160301022 - CSE160301040</b>

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