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 9-15 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 3.30** 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 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:

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 Spring 2017

❑ **Collect and Submit RRF** (Registration Request form) **:** December 09 to 10, 2016

❑ **Semester Begins** **:** January 07, 2017

❑ **Add-drop courses if needed (Section change is not allowed) :** January 06 to 13, 2017
  (Prerequisite Incomplete & Last semester students)

❑ **Deadline for Payment to Confirm Registration :** January 13, 2017
  (*Payment should be minimum of 40% of the total tuition fees*)

❑ **Late Registration with Tk. 1000/- fine :** January 13 to 21, 2017
  (*Less than 40% payment will be treated as late registration*)

❑ **Deadline for Semester Drop :** January 13 to 21, 2017 (only semester fee
  (Filled the Prescribe Form available in ACAD) to be paid)

❑ **Class and Exam Schedule:**

  I) Class Period before Mid-Term **:** January 06 to February 11, 2017
  II) **Mid-Term Examinations** **:** February 18 to February 25, 2017
  III) Class Period before Final **:** March 03 to April 08, 2017
  IV) **Final Examinations** **:** April 15 to 22, 2017

❑ **Publication of Results :** April 26, 2017

❑ **"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** →	**Installment 1: (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.		**January 13, 2017**
	Installment 2: (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 11, 2017**
	Installment 3: (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 08, 2017**

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

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

Sec.	Course Code	Course Title	Cr. Hr.	Pre-Requisite	Semester	Course Instructor
A	MATH 1101	Mathematics I(Differential Calculus and Integral Calculus)	3		1st	MSI
A	PHY 1302	Physics-II (Electromagnetism, Optics and Modern Physics)	3	PHY 1201		TBA
A	ENG 1102	English II	3			TBA
A	CSE 1102	Structured Programming Language	3	CSE 1101		BA
A	CSE 1157	Structured Programming Language Lab	1	-		BA
A	MATH 1302	Mathematics II(Differential Equation &Fourier Analysis)	3	MATH 1101	2nd	MSI
A	CSE 2111	Data Structure	3	CSE 1102		SAK
A	CSE 2162	Data Structure Lab Work	1			SAK
A	CSE 1205	Electrical Engineering & Circuit Analysis	3			MF
A	CSE 1259	Electrical Engineering & Circuit Analysis Lab Work	1			MF
A	CSE 1307	Object Oriented Programming I(C++)	3	CSE 1102, CSE 2111		ZA
A	CSE 1360	Object Oriented Programming I(C++) lab work	1	CSE 1157		ZA
A	CSE 1290	Software Development I	1	CSE 1102		FH
A+B	CSE 2215	Digital logic Design	3	CSE 1205	3rd	GP
A+B	CSE 2265	Digital logic Design Lab Work	1			GP
A+B	CSE 2319	Database Management System	3			ZA
A+B	CSE 3267	Database Management System Lab Work	1			ZA
A+B	MATH 2103	Mathematics-III (Matrices, Vector & Coordinate Geometry)	3			MSZ
A+B	CSE 2263	Algorithm Design & Analysis	3	CSE 1102, CSE 2111		RA
A+B	CSE 2264	Algorithm Design & Analysis Lab Work	1			RA
A	CSE 3124	Microprocessor & Assembly Language	3	CSE 2215	4th	GP
A	CSE 3171	Microprocessor & Assembly Language Lab	1	CSE 2265		GP
A	CSE 3169	Theory of Computation	3			SHB
A	MATH 2204	Mathematics IV (Complex Variable & Laplace Transformation)	2			MSZ
A	CSE 2291	Software Development II	1			SHB

A	CSE 2109	Electronic Engineering	3	CSE 1205	$4^{th}+5^{th}$	ZA
A	CSE 2161	Electronic Engineering Lab Work	1	CSE 1259		ZA
A	CSE 3230	Software Engineering	3		5th	ZA
A	CSE 3227	Data Communication	3			FH
A	CSE 3333	Object Oriented Programming II (Java)	3		$5^{th}+6^{th}$	RUM
A	CSE 3374	Object Oriented Programming II (Java) Lab Work	1			RUM
A	CSE 3226	Mathematical Analysis for Computer Science	3		6th	TBA
A	CSE 3375	Communication Engineering	3			FH
A	CSE 3228	Compiler Design	3			SHB
A	CSE 3272	Compiler Design Lab Work	1			SHB
A	CSE 3292	Software Development III	1			RUM
A	CSE 4355	Artificial Intelligence and Expert Systems	3		7th & Above	RA
A	CSE 4385	Artificial Intelligence and Expert Systems Lab Work	1			RA
A	CSE 4351	Image Processing and Computer Vision	3			TBA
A	CSE 4383	Image Processing and Computer Vision Lab Work	1			TBA
A	CSE 4389	Industrial Training	1			TBA
A	CSE 4000	Project and Thesis	4			TBA

Md. Raihan-Ul-Masood

Head

Dept. of Computer Science and Engineering

Northern University Bangladesh

Goutam Paul

Lecturer

Dept. of Computer Science and Engineering

Northern University Bangladesh

Northern University Bangladesh
Examination Routine, Spring 2017 (Evening)
Department of CSE

Day	Course code & Name
Day 1	CSE 1101: Structured Programming Language (C) (1) CSE 2111: Data Structure (2) MATH 2103: Mathematics-III (Matrices, Vector & Coordinate Geometry) (3) MATH 2204: Mathematics IV (Complex Variable & Laplace Transformation) (4) CSE 3375 : Communication Engineering (6)
Day 2	PHY 1302: Physics II (Electromagnetism, Optics and Modern Physics) (1) CSE 3168: Numerical Methods (5) CSE 3228 : Compiler Design (6) CSE 3169: Theory of Computation (4) CSE 1307: Object Oriented Programming I (C++) (2) CSE 2215: Digital Logic Design (3)
Day 3	MATH 1101: Mathematics I (Differential Calculus and Integral Calculus) (1) MATH 1302: Mathematics II (Differential Equation & Co-ordinate Geometry) (2) CSE 2263 : Algorithm Design & Analysis (3) CSE 2109 : Electronic Engineering (4,5) CSE 4355 : Artificial Intelligence and Expert Systems (7,8,9)
Day 4	ENG 1102: English II (Advanced) (1) CSE 3226 : Mathematical Analysis for Computer Science (6) CSE 3227: Data Communication (5) CSE 1205: Electrical Engineering & Circuit Analysis (2)
Day 5	CSE 2319: Database Management System (3) CSE 3124: Microprocessor & Assembly Language (4) CSE 4351 : Image Processing and Computer Vision (7,8,9) CSE 3333 : Object Oriented Programming II (Java) (5,6)

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

Registration Request Form (RRF)

[Student Copy]

Name of Student: …………………. …………………………………Program:.…………... Student ID (in full):………………………………………..…..

Student Contact No:…….…………..……..…………..…Name of Advisor: ……………………………………………… Enroll Semester No:………

SL	Course Code	Course Title	Credit	Section	Remarks
01					
02					
03					
04					
05					
06					
07					
08					
09					
		Total Credit Hours			

Deadline for Pay to Confirm Registration is January 13, 2017.

Once a student registers for the semester, s/he is liable to pay 100% tuition fees for that particular semester.

Clearance of Accounts: …………………………………………….   Clearance of Library   : ……………………………………………….

Student's Signature   : ……………………………………...Advisor's Signature & Date: …………………………...ACAD Signature:……………………………

✂ Cut here ....

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

Registration Request Form (RRF)

[Office Copy]

Name of Student: …………………. …………………………………Program:.…………... Student ID (in full):………..……………………………..…..

Student Contact No:…….…………..……..…………..…Name of Advisor: ……………………………………………… Enroll Semester No:………

Guardian's Name:……………………………………………….... & Contact No:……………………………………… Blood Group:…………………..

SL	Course Code	Course Title	Credit	Section	Remarks
01					
02					
03					
04					
05					
06					
07					
08					
09					
		Total Credit Hours			

Deadline for Pay to Confirm Registration is January 13, 2016.

Once a student registers for the semester, s/he is liable to pay 100% tuition fees for that particular semester.

Clearance of Accounts: …………………………………………….   Clearance of Library   : ……………………………………………….

Student's Signature   : ....Advisor's Signature & Date: ....ACAD Signature:……………………………