Registration Information Booklet

Summer-2022 Semester

CSE (EVENING) Program

Knowledge for Innovation and Change

Prepared & Designed By

Dept. of Computer Science & Engineering

(Evening Program)

NUB Permanent Campus
111/2 Kawla Jamea Mosjid Road
Dakshin Khan (Near International Airport), Uttara, Dhaka.
Web: www.nub.ac.bd

NORTHERN UNIVERSITY BANGLADESH
ACADEMIC CALENDAR- 2022
Semester: Summer-2022
Program: ECSE

NORTHERN UNIVERSITY BANGLADESH
ACADEMIC CALENDAR- 2022

DATE	EVENTS
	SUMMER-2022
April 11, 2022 (Monday)	Last Date of Registration (Online) *(Registration Open: Mar 12, 2022)*
April 26, 2022 (Tuesday)	Deadline for Late Registration with Fine of Tk.1000/-
May 15, 2022 (Sunday)	Commencement of Classes
May 15, 2022 (Sunday) - May 22, 2022 (Sunday)	Course Add/Drop
May 16, 2022 (Monday)*	Holiday (Buddha Purnima)
May 18, 2022 (Wednesday)**	Last Date of Payment of First Installment (40%)
May 22, 2022 (Sunday)	Deadline for Semester Drop *(Only Semester Fee to Be paid)*
Jun 15, 2022 (Wednesday)**	Last Date of Payment of Second Installment (30%)
Jun 23, 2022 (Thursday) - July 02, 2022 (Saturday)	Mid-Term Examinations
July 03, 2022 (Sunday)	Class Resume
Jul 08, 2022 (Friday) - Jul 13, 2022 (Wednesday)*	Eid-ul-Adha
July 14, 2022 (Thursday)	Registration Open (Online) for Fall- 2022
Aug 01, 2022 (Monday) - Aug 14, 2022 (Sunday)	Filling-up TER
Aug 08, 2022 (Monday)*	Ashura
August 14, 2022 (Sunday)	Last Date of Registration (Online) for Fall- 2022
Aug 15, 2022 (Monday)	National Mourning Day
Aug 16, 2022 (Tuesday)**	Last Date of Payment of Third Installment (30%)
Aug 16, 2022 (Tuesday) - Aug 31, 2022 (Wednesday)	Deadline for Late Registration with Fine of Tk.1000/- for Fall-2022
Aug 19, 2022 (Friday)	Shuba Janmashtami
Aug 25, 2022 (Thursday) - Sep 03, 2022 (Saturday)	Final Examinations
Sep 07, 2022 (Wednesday)	Submission of Results
Sep 10, 2022 (Saturday)	Publication of Results
Sep 10, 2022 (Saturday) - Sep 12, 2022 (Monday)	Semester Break
Sep 13, 2022 (Tuesday)	Commencement of Classes of Fall- 2022

* Subject to the appearance of the Moon
** The payment deadlines have been set earlier in the month considering convenience of students but the university will follow its existing practices regarding payment deadlines and late fine.
***This is the master academic calendar which is applicable for all Regular Programs of NUB.

> University Authority reserves the right to change the dates and deadlines of the Academic Calendar

19.10.2021
Md. Tanjim Hossain
Member Secretary, Academic Calendar Committee
Asst. Professor & Head, DTE

19.10.21
Prof. Dr. Nazrul Islam
Convener, Academic Calendar Committee
Pro-Vice Chancellor (NUB)

19/10/21
Prof. Dr. Anwar Hossain
Hon'ble Vice Chancellor (NUB)

NB. For full Registration Package please visit: https://nub.ac.bd/nub/package

Department of CSE (Evening)

Advisor List, Summer-2022

SL	Faculty Name	Faculty ID	Student's ID Range	Mobile Number
01	Md. Ruhul Amin	NUB1108626	21160100391-21180300960	01710949921 01755514673
02	MuhammedSamsuddohaAlam	NUB1007486	21180300962-21190101035	01676453189 01925484825
03	SanjidaAkter	NUB9151370	21190101036-21190101089	01682931331
04	Md. Jahirul Islam	NUB05171570	21190101090-21190201152	01734424045
05	RiasatAzim	NUB05211929	21190201153-21190301204	01796619200
06	ShoaibDipu	NUB05211930	21190301205-21200101261	01712892626
07	MunshiRejwanAlaMuid	NUB04211924	21200101263-21200101312	01733202478
08	Ashraf Khan Chowdhury	NUB06211932	21200101313-21200101366	01302607817
09	TasnimFerdous	NUB05211928	21200101369-21200301415	01730205004
10	Afrin Jubaida	NUB06211931	21200301416-21210101457	01632315607
11	Nazmin Islam	NUB07211938	21210101458-21210201502	01712803783
12	Tapotosh Ghosh	NUB9211942	21210201503-21210301539	01828045376
13	NahidSiddiui	NUB9211944	21210301540-21210301566 And 2nd Semester	01795938872
14	Syma Kamal Chaity	NUB9211943	42210200001-42210300043 & All the students of Summer 2022	01322217187

Academic Affairs Division (ACAD)

Contact Person			
1	KaziNuraAlam (Titu)	Sr. Asst. Director, ACAD	All Students of ECSE, NUB	01755513160

The Offering of the Courses for the program of Bachelor of Science in Computer Science and Engineering: Spring2022 (Evening)

Sem.	SL.	Course Code	Section	Course Title	Cr. Hr.	Pre-Requisites
1st 70	1.	MATH 1101	A+B	Mathematics I (Differential Calculus & Integral Calculus)	3	None
	2.	ENG 1204	A+B	English II (Advanced)	3	
	3.	PHY 1302	A+B	Physics II (Electromagnetism, Optics and Modern Physics)	3	
	4.	CSE 1102	A+B	Structured Programming Language	3	
	5.	CSE 1157	A+B	Structured Programming Language Lab Work	1	
				Total Credit Hours	**13**	
2nd 85	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+C	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+C	Object-Oriented Programming Lab Work	1	
	11.	CSE 2111	A+B	Data Structure	3	CSE 1102
	12.	CSE 2162	A+B+C	Data Structure Lab Work	1	
	13.	CSE 1290	A+B	Software Development I (DOS Programming)	1	CSE 1102
				Total Credit Hours	**15**	
3rd 50	14.	MATH 2103	A	Mathematics III (Matrices, Vectors & Coordinate Geometry)	3	MATH 1302
	15.	CSE 2263	A	Algorithms Design & Analysis	3	CSE1102,CSE2111
	16.	CSE 2264	A+B	Algorithms Lab Work	1	
	17.	CSE 2215	A	Digital logic Design	3	CSE 1205
	18.	CSE 2265	A+B	Digital Logic Design Lab Work	1	
	19.	CSE 2319	A	Database Management System	3	CSE2111,CSE2263
	20.	CSE 2367	A+B	Database Management Systems Lab Work	1	
				Total Credit Hours	**15**	
4th 35	21.	MATH 2204	A	Mathematics IV (Complex Variable & Laplace Transformation)	2	MATH 1302
	22.	CSE 2109	A	Electronic Engineering	3	CSE 1205
	23.	CSE 2161	A	Electronic Engineering Lab Work	1	
	24.	CSE 3168	A	Numerical Methods	3	CSE 1205
	25.	CSE 3186	A	Numerical Methods Lab work	1	
	26.	CSE 3124	A	Microprocessor and Assembly Language	3	CSE 1102, CSE 2111
	27.	CSE3171	A	Microprocessor and Assembly Language programming Lab Work	1	
	28.	CSE 2291	A	Software Development II (Database Programming)	1	CSE 2319
				Total Credit Hours	**15**	
5th 40	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 + B	Digital Electronics & Pulse Technique Lab Works	1	
	32.	CSE 3169	A	Theory of Computation	3	
	33.	CSE 3170	A	Computer Architecture	3	CSE2215
	34.	CSE 3227	A	Data Communication	3	

					Total Credit Hours	15	

6th 31	35.	CSE 3228	A	Compiler Design		3	CSE 3169
	36.	CSE 3272	A	Compiler Design Lab Work		1	
	37.	CSE 3331	A	Operating System		3	CSE 3170
	38.	CSE 3373	A	Operating System Lab Work		1	
	39.	CSE 3333	A	Object-Oriented Programming II (Java)		3	CSE 1307
	40.	CSE 3374	A	Object-Oriented Programming II Lab Work		1	
	41.	CSE 3226	A	Mathematical Analysis for Computer Science		3	MATH 2204,CSE 2215
				Total Credit Hours		**15**	
7th 18	42.	CSE 3230	A	Software Engineering		3	CSE 1205
	43.	CSE 4136	A	Computer Networks		3	CSE 3227,CSE3375
	44.	CSE 4176	A	Computer Networks Lab Work		1	
	45.	CSE 4138	A	Computer Peripherals and Interfacing		3	CSE 3227,CSE3124
	46.	CSE 4177	A	Computer Peripherals and Interfacing Lab Work		1	
	47.	CSE 4349	A	Management Information System		3	
	48.	CSE 4389	A	Field Work (Industrial Training)		1	
				Total Credit Hours		**15**	
8th 80	49.	CSE 4278	A+B	Computer Graphics and Multimedia System Design		3	MATH 2103
	50.	CSE 4288	A+B+C	Computer Graphics Lab Work		1	CSE2263, CSE1102
	51.	CSE 4241	A+B	VLSIDesign		3	
	52.	CSE 4279	A+B+C	VLSIDesign Lab Work		1	CSE 3170, CSE 2263
	53.	CSE 3375	A+B	Communication Engineering		3	
	54.	IPE 4101	A+B	Industrial Management		2	CSE 3170
	55.	CSE 3292	A+B	Software Development III (Web Programming)		1	
	56.	CSE 4000	A	Project & Thesis		4	
				Total Credit Hours		**18**	
9th 46	57.	CSE 4355	A	Artificial intelligence & Expert Systems		3	CSE2263, CSE1102
	58.	CSE 4385	A+B	Artificial intelligence & Expert Systems Lab Work		1	
	59.	CSE 4351	A	Image Processing & Computer Vision		3	CSE 3170, CSE 2263
	60.	CSE 4383	A+B	Image Processing & Computer Vision Lab Work		1	
				Total Credit Hours		**08**	

Extra for Below 03	61.	GED 2211	A	Bangladesh Studies		3	(Tentative)
	62.	HUM 3302	A	Financial & Managerial Accounting		2	(Tentative)
	63.	CSE 1258	A	Discrete Mathematics		3	(Tentative)
	64.	CSE 1101	A	Introduction to Computers		2	(Tentative)

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Mid-Term & Final Examination Schedule, ECSE Program, Summer Semester 2022

Exam Day	1st Slot	2nd Slot
Friday	**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)
Saturday	**CSE2263:** Algorithms 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) **CSE3228:** Compiler Design (6) **CSE 3375**: Communication Engineering (8)
Sunday		**GED 2211:**Bangladesh Studies (Extra Cr)
Monday		**HUM 3302:**Financial & Managerial Accounting(Extra Cr)
Tuesday	**CSE 1101:**Introduction to Computers(Extra Cr)	**CSE 3227:** Data Communication (5)
Wednesday		**CSE 1258:**Discrete Mathematics(Extra Cr)
Friday	**CSE2319:** Database Management System(3) **CSE2317:** Digital Electronics & Pulse Techniques (5) **CSE4349:** Management Information System(7) **CSE 4355:** Artificial Intelligence & Expert System (9)	**CSE1307:** Object- Oriented Programming I (C++)(2) **CSE3168:** Numerical Methods (4) **CSE3226:** Mathematical Analysis for Computer Science (6) **CSE4278:** Computer Graphics and Multimedia System design (8)
Saturday	**CSE 2215:** Digital Logic Design (3) **CSE3169:** Theory of Computation (5) **CSE 3230:** Software Engineering(7)	**CSE1205:** Electrical Engineering and Circuit Analysis(2) **CSE 2109:** Electronic Engineering (4) **CSE3333:** Object-Oriented Programming II (Java) (6) **IPE 4101:** Industrial Management (8)

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

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Academic Rules & Instructions

Registration:

1. Students must register for the courses they wish to attend. Without registration, no one is allowed to attend classes.
2. 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.
3. The optimum size of each class is 55 students. A section may not be offered if less than 15 students enroll for it.
4. A registered student must be paid their tuition fees within the specified deadline, as indicated in the "**tuition feespayment structure**". Failure to confirm registration by the deadline will result in a student being barred from attending classes.
5. Section change within the same course is not allowed once the semester begins.

Examination:

6. The Schedule for the midterm and the final examinations is provided with the booklet (**Registration Package**). It is students' responsibility to select courses in a way so that those match with class and examination schedule.

7. Special mid-term will be allowed only for medical grounds or unavoidable circumstances. The students must apply to the Vice-Chancellor through the Head of the Department for a special midterm exam. The decision to be given by the honorable Vice-Chancellor. A fee of TK.2000/- per course will be charged for a special Midterm Examination.

8. Students may be allowed to seat for a Special Final Examination on humanitarian grounds 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 the exam for the approval of the Controller of Examination. A fee of TK.2000/- per course will be charged for a Special Final Examination.

9. A student is required to attend 70% of classes to be eligible to sit for the semester'sFinal Examination on a particular course. However, if a student attains 50% to less than 70% class attendance, s/he can still attend the Final Examination with a fine of Tk. 1000/- for each course after being permitted by the respective Dean/Head.

10. Students attaining less than 50% attendance shall not be allowed to sit for the Final Examination.

11. Students having zero attendance shall not be allowed to sit for mid-term examination except being permitted by the Vice-Chancellor

Academic Dismissal:

12. A student will be dismissed from the university if his/her GPA falls **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:

13. A registered student who requires semester leave on valid grounds 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 a semester leave fee.

Semester Drop:

14. A registered Student must pay an only semester fee of the semester if s/he applies for semester drop within one week of the commencement of the semester in the consent of their Guardians/Parents, after this time limit and before the 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:

15. i) For an "F" grade & Improvement of any grade, the course must be repeated within the next 3(three) consecutive semesters but prerequisite course/s must be repeated on a 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.
16. Students are required to complete the 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 the academic calendar, class routine, exam schedule, and course offering.