



# NORTHERN UNIVERSITY OF BUSINESS & TECHNOLOGY KHULNA

## Registration Package

Department of Electrical and Electronic Engineering

Program: EEE & EEEE

Academic Calendar: Fall 2018

1	Collect and Submit RRF (Registration Request Form)	:	Up to 06 July, 2018
2	Commencement of Classes	:	06 July, 2018
3	Add / Drop of Courses	:	21 July, 2018
4	Deadline for Payment to Confirm Registration (Payment must be minimum 40% of the total tuition fees)	:	26 July, 2018
5	Late Registration/Confirmation with fine (Tk. 1000/-)	:	02 August, 2018
6	Deadline for Semester Drop (Filled the Prescribe Form available in ACAD)	:	02 August, 2018 (Only semester fee to be paid)
7	<b>Class and Exam Schedule:</b>		
8	i) Class Period before Mid-Term (08 Weeks)	:	Up to 08 September, 2018
9	ii) Mid-term Examination Start	:	13 September, 2018
10	iii) Class Period before Final Exam (10 Weeks)	:	Up to 24 November, 2018
11	iv) Final Examination Start from	:	29 November, 2018
13	Commencement of Spring 2019	:	08 January, 2018
13	Publication of Result of Fall 2018	:	10 January, 2018

- 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 (Payment by Installments)	Payment Date
<b>Pay 100% of the semester tuition and other fees at the time of registration</b>  <u>Otherwise use option 2</u>	<u>Installment – 01</u> ❖ Pay minimum 40% of the tuition and other fees of the semester. ❖ If a student fails to pay within the deadline s/he may pay the fees with 1000/- taka late fine within one week.	26 July, 2018
	<u>Installment-02-</u> ❖ Pay another 30% of the tuition and other fees of the semester ❖ Failure of payment within the deadline as specified, a student will be fined Tk.1000/=	September 06, 2018
	<u>Installment – 03: (Before Final Exam.)</u> ❖ Pay remaining 30% or balance of tuition fees due of the semester. ❖ Failure to pay as specified, a student will be barred from attending final examinations.	November 22, 2018.

**Note:** Once a student confirm the registration for a Semester, s/he is liable to pay 100% tuition

## Essential Information for Undergraduate Students

**Students are hereby advised to follow the terms and conditions given below:**

01. Students must register for the courses offered by the university. **Without registration no one is allowed to attend classes.**
  02. Students may register for 8-15 credits in a semester. In case of retake/ improvement/credit transfer they may be allowed to take more courses with the approval of respective advisor.
  03. Student's signature and advisor's approval on Registration Request Form (RRF) are mandatory for registration.
  04. Registration must be confirmed with **(40%) payments of total fees by the specified deadline** as indicated in the Academic Calendar / Registration Notice.
  05. If a student takes any course/s without passing the pre-requisite course/s, his/her new course/s will be automatically invalid.
  06. A course must be repeated/improved within the next **three consecutive semesters.**
  07. **Class Attendance Requirement:**  
Students attaining less than 50% attendance shall not attend in the final exam. Students attain 50%-70% attendance can attend the final examination with a fine of Tk.1000/- per course. Zero attendance shall not be allowed to sit in the mid-term & final examination.
  08. **Special Examination:**  
Provision of special examinations will remain unchanged in the final examination (**The fees of special exam have been re-fixed at Tk. 1000/- per course**). If any student fails to appear at an examination of a course/s on medical grounds or unavoidable circumstances which is acceptable to the NUB authority. S/he may be permitted to sit for the special examination for the missing course/s. An application should be submitted **within 7 (seven) days** from the date of exam with the supporting documents.
- N.B: The permission of special exam will no more exist in the case of Mid-term Examination.**
09. **Course Withdrawal:**  
Students can withdraw any course/semester drop. But S/he must apply within 2 weeks of the commence of the semester. Course withdrawal/ semester drop application should be submitted to the Head/ Coordinators through batch adviser concerned.
  10. The authority reserves all rights to change, add or cancel anything in the registration package including academic calendar, student advisers, class routine, exam schedule, and courses offered.

# Department of Electrical and Electronic Engineering

## Semester Wise Course Recommendation

♠Program: EEE ♠Semester: Fall ♠ Fall: 2018

SL	Semester	C. Code	Course Title	Cr.	Sec.	Pre-requisite
1	<b>1</b>	EEE 1101	Basic Electrical Engineering	3.0	1A	
2		EEE 1102	Basic Electrical Engineering Lab	1.5	1A	
3		PHY 1101	Physics I (Heat and Thermodynamics, Properties of Matter, Waves and Oscillations)	3.0	1A	
4		PHY 1102	Physics I Lab	1.0	1A	
5		MATH 1101	Mathematics I (Differential Calculus and Integral Calculus)	3.0	1A	
6		CHM 1101	Chemistry	3.0	1A	
7		CHM 1102	Chemistry Lab	1.0	1A	
8		ENG 1101	English I	3.0	1A	
9	<b>2</b>	EEE 1201	Electronics I	3.0	2A	PHY 1101
10		EEE 1202	Electronics I Lab	1.5	2A	
11		EEE1203	Computer Fundamentals & Programming	3.0	2A	
12		EEE 1204	Computer Fundamentals & Programming Lab	1.5	2A	
13		MATH 1201	Mathematics II (Differential Equation, Fourier Analysis & Set theory)	3.0	2A	MATH 1101
14		PHY 1201	Physics II (Electromagnetism, Optics and Modern Physics)	3.0	2A	PHY 1101
15		PHY 1202	Physics II Lab	1.0	2A	
16	<b>3</b>	EEE 2101	Electronics II	3.0	3A	EEE 1201
17		EEE 2102	Electronics II Lab	1.5	3A	
18		EEE 2103	Electrical Circuits and Filter Design	3.0	3A	
19		EEE 2104	Electrical Circuits and Filter Design Lab	1.5	3A	
20		EEE 2105	Electromagnetic Fields & Waves	3.0	3A	PHY 1201
21		HUM 1201	Socio-Economic Study of Bangladesh	3.0	3A	
22		ME 2101	Mechanical Engineering Fundamentals	3.0	3A	
23		MATH 2101	Mathematics III (Complex Variable & Laplace Transformation)	3.0	3A	MATH 1101, 1201

### List of Students Advisors (Batch-wise)

Semester: Fall –2018

Program: EEE

SL	Name of the Teachers	Acronyms	Designation	Mobile No	Batches
01.	Dr. Md. Nurunnabi Mollah	DNM	Professor	01714087325	
02.	Md. Kabir Hossain	KH	Lecturer	01756388176	1A,2A
03.	Kawser Ahmed	KA	Lecturer	01914591204	3A,3B
<b>Academic Affairs Department</b>					
01.	Md. Tazzmmul Hossain	Program (EEE, CE & B.Arch.)		01755513188	Ground Floor

# Department of Electrical and Electronic Engineering

## Semester Wise Course Recommendation

♠Program: EEEE ♠Semester: Fall ♠ Fall: 2018

SL	Semester	C. Code	Course Title	Cr.	Sec.	Pre-requisite
1	<b>1</b>	EEE 1101	Basic Electrical Engineering	3.0	1A	
2		EEE 1102	Basic Electrical Engineering Lab	1.5	1A	
3		PHY 1101	Physics I (Heat and Thermodynamics, Properties of Matter, Waves and Oscillations)	3.0	1A	
4		PHY 1102	Physics I Lab	1.0	1A	
5		MATH 1101	Mathematics I (Differential Calculus and Integral Calculus)	3.0	1A	
6		CHM 1101	Chemistry	3.0	1A	
7		CHM 1102	Chemistry Lab	1.0	1A	
8		ENG 1101	English I	3.0	1A	
9	<b>2</b>	EEE 1201	Electronics I	3.0	2A	PHY 1101
10		EEE 1202	Electronics I Lab	1.5	2A	
11		EEE1203	Computer Fundamentals & Programming	3.0	2A	
12		EEE 1204	Computer Fundamentals & Programming Lab	1.5	2A	
13		MATH 1201	Mathematics II (Differential Equation, Fourier Analysis & Set theory)	3.0	2A	MATH 1101
14		PHY 1201	Physics II (Electromagnetism, Optics and Modern Physics)	3.0	2A	PHY 1101
15		ME 2101	Mechanical Engineering Fundamentals	3.0	2A	
16		EEE 2103	Electrical Circuits and Filter Design	3.0	2A	
17		EEE 2104	Electrical Circuits and Filter Design Lab	1.5	2A	
18	<b>3</b>	EEE 2101	Electronics II	3.00	3A, B	EEE 1201
19		EEE 2102	Electronics II Lab	1.50	3A, B	
20		EEE 2203	Electrical Machines I	3.00	3A, B	
21		EEE 2204	Electrical Machines I Lab	1.50	3A, B	
22		EEE 2105	Electromagnetic Fields & Waves	3.00	3A, B	PHY 1201
23		EEE 2207	Electrical Measurement and Instrumentation	3.00	3A, B	
24		EEE 2208	Electrical Measurement and Instrumentation Lab	1.50	3A, B	
25		MATH 2101	Mathematics III (Complex Variable & Laplace Transformation)	3.00	3A, B	MATH 1101
26		EEE 2202	Electrical and Electronic System Simulation Lab	1.5	3A, B	

### Examination (Mid & Final) Schedule of EEEE Semester: Fall- 2018

Date & Day	1 <sup>st</sup> Shift	Date & Day	1 <sup>st</sup> Shift	2 <sup>nd</sup> Shift
SL.	Courses Code	SL.	Courses Code	Courses Code
<b>1</b>	EEE 1101 (1A) EEE 2103(2A)	<b>6</b>	PHY 1101 (1A) EEE 2101(3A,B)	
<b>2</b>	EEE 1201(2A)	<b>7</b>	MATH 1201(2A)	
<b>3</b>	MATH 1101(1A) EEE 2103(3A,B)	<b>8</b>	CHM 1101(1A) EEE 2106 (3A,B)	
<b>4</b>	EEE1203(2A)	<b>9</b>	PHY 1201(2A)	
<b>5</b>	ENG 1101(1A) EEE 2105(3A,B)	<b>10</b>	ME 2101(2A) MATH 2101(3A,B)	

# Department of Civil Engineering

## Semester Wise Course Recommendation

♠Program: CE ♠Semester: Fall: 2018

SL	Semester	C. Code	Course Title	Cr.	Sec.	Pre-requisite
1	<b>1</b>	CE 1101	Analytic Mechanics	3.0	1A	
2		MATH 1121	Mathematics- I	3.0	1A	
3		PHY 1131	Physics-I	3.0	1A	
4		CH 1141	Chemistry-I	3.0	1A	
5		HUM 1161	English	2.0	1A	
6		CE 1104	Civil Engineering Drawing-I	1.5	1A	
7		HUM 1162	English Language Skills Sessional	1.5	1A	
8		PHY 1132	Physics Sessional	1.5	1A	
9		CH 1142	Chemistry Sessional	1.5	1A	
10	<b>2</b>	CE 1201	Surveying	4.0	2A	
11		MATH 1221	Mathematics- II	3.0	2A	
12		PHY 1231	Physics-II	3.0	2A	
13		CH 1241	Chemistry- II	3.0	2A	
14		HUM 1263	Sociology and Bangladesh Government	3.0	2A	
15		CE 1202	Practical Surveying	1.5	2A	
16		CE 1204	Computer Aided Drafting Sessional	1.5	2A	
17		CE 1212	Architectural, Engineering and Planning Appreciation	1.5	2A	
18		EEE 1234	Basic Electrical Engineering Sessional	1.5	2A	
19	<b>3</b>	CE 2101	Engineering Materials	3.00	3A	
20		CE 2103	Engineering Geology And Geomorphology	3.00	3A	
21		CE 2105	Mechanics Of Solid – I	3.00	3A	
22		MATH 2121	Mathematics Iii	3.00	3A	
23		CE 2107	Professional Practices And Communication	3.00	3A	
24		CE 2102	Engineering Materials Sessional	1.50	3A	
25		CE 2106	Strength Of Materials Sessional	1.50	3A	
26		CE 2108	Professional Practices And Communication Sessional	1.50	3A	
27		CE 2110	Details Of Construction	1.50	3A	

### List of Students Advisors (Batch-wise)

Semester: Fall –2018

<b>Program: CE</b>					
SL	Name of the Teachers	Acronyms	Designation	Mobile No	Batches
01.	Dr.Md.Rokonuzzaman	DMR	Professor	01794072473	
02.	Md. Ebrahim Shaik	ES	Lecturer	01937224800	1A,2A,3A
<b>Academic Affairs Department</b>					
01.	Md. Tazzmmul Hossain	Program (EEE, CE & B.Arch.)		01755513188	Ground Floor

# Department of Civil Engineering

## Semester Wise Course Recommendation

♠Program: ECE ♠Semester: Fall: 2018

SL	Semester	C. Code	Course Title	Cr.	Sec.	Pre-requisite
1	<b>1</b>	CE 1101	Analytic Mechanics	3.00	1A	
2		MATH 1121	Mathematics- I	3.00	1A	
3		PHY 1131	Physics-I	3.00	1A	
4		CH 1141	Chemistry-I	3.00	1A	
5		HUM 1161	English	2.00	1A	
6		CE 1104	Civil Engineering Drawing-I	1.50	1A	
7		HUM 1162	English Language Skills Sessional	1.50	1A	
8		PHY 1132	Physics Sessional	1.50	1A	
9		CH 1142	Chemistry Sessional	1.50	1A	
10		CE 2105	Mechanics of Solid- I	3.00	1A	
11	<b>2</b>	CE 1201	Surveying	4.00	2A	
12		MATH 1221	Mathematics- II	3.00	2A	
13		CE 2101	Engineering Materials	3.00	2A	
14		CE 2201	Fluid Mechanics	4.00	2A	
15		CE 2203	Mechanics of Solid - II	3.00	2A	
16		EEE 1234	Basic Electrical Engineering Sessional	1.50	2A	
17		CE 2102	Engineering Materials Sessional	1.50	2A	
18		CE 1204	Computer Aided Drafting Sessional	1.50	2A	
19		CE 2110	Details of Construction	1.50	2A	
20	<b>3</b>	CE 2205	Computer Programming	2.00	3A	
21		CE 2103	Engineering Geology and Geomorphology	3.00	3A	
22		CE 2207	Numerical Methods	2.00	3A	
23		MATH 2121	Mathematics Iii	3.00	3A	
24		HUM 2265	Accounting and Economics	3.00	3A	
25		CE 3105	Open Channel Flow	4.00	3A	
26		CE 3106	Open Channel Flow Sessional	1.50	3A	
27		CE 2106	Strength of Materials Sessional	1.50	3A	
28		CE 2202	Fluid Mechanics Sessional	1.50	3A	
29		CE 2206	Computer Programming Sessional	1.50	3A	
30		CE 2210	Details of Estimating Sessional	1.50	3A	

### Examination (Mid & Final) Schedule of CE & ECE Semester: Fall- 2018

Date & Day	1 <sup>st</sup> Shift	Date & Day	1 <sup>st</sup> Shift	2 <sup>nd</sup> Shift
SL	Courses Code	SL	Courses Code	Courses Code
<b>1</b>	CE 1101 (1A) CE 2205 (3A)	<b>6</b>	CE 2101 (2A) CE 3105 (3A)	
<b>2</b>	CE 1201 (2A)	<b>7</b>	CH 1141 (1A) MATH 2121 (3A)	
<b>3</b>	MATH 1121 (1A) CE 2103 (3A)	<b>8</b>	CE 2201 (2A)	
<b>4</b>	MATH 1221 (2A)	<b>9</b>	HUM 1161 (1A) HUM 2265 (3A)	
<b>5</b>	PHY 1131 (1A) CE 2207 (3A)	<b>10</b>	CE 2203 (2A)	

# Northern University of Business and Technology

Student Copy

**Semester: Fall-2018**

**Registration Request Form**

**Programs: EEE/EEEE/CE/ECE & B. Arch**

Name of the Student: .....

ID (in full): .....

Name of the Advisor.....

Guardian's Contact #.....

CGPA..... Major..... Minor.....

Student's Contact #.....

SL	Course Code	Course Title	Credit	Section
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
<b>Total Credit Hours</b>				

**N.B: You Must Confirm Registration by paying at least 40% of total tuition fees by July 26, 2018**

Student's Signature & Date

Advisor's Signature & Date

# Northern University of Business and Technology

Office Copy

**Semester: Fall-2018**

**Registration Request Form**

**Programs: EEE/EEEE/CE/ECE & B. Arch**

Name of the Student: .....

ID (in full): .....

Name of the Advisor.....

Guardian's Contact #.....

CGPA..... Major..... Minor.....

Student's Contact #: .....

SL	Course Code	Course Title	Credit	Section
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
<b>Total Credit Hours</b>				

**N.B: You Must Confirm Registration by paying at least 40% of total tuition fees by July 26, 2018**

Student's Signature & Date

Advisor's Signature & Date

**Program: EEEE & ECE Class Routine: Fall -2018**

Day	Room	9:00 am – 11:00 am			11:10 am – 01:10 pm			03:00 pm – 05:00 pm			05:10 pm – 07:10 pm			07:20 pm – 09:20 pm		
		Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher
Friday	502				ECE-1A	CH 1141	NU	ECE-1A	PHY 1131	SI	ECE-1A	CE1104 PHY 1132	MSA SI Lab	ECE-1A	CH 1142	NU
	503							ECE-2A	CE 2203	ES	ECE-2A	CE 2201	ES	ECE-2A	CE 1201	MSA
	501															
	311	EEE-1A	EEE 1101	NM	EEE-1A	EEE 1102	KA	EEE-1A	PHY 1101	SDN	EEE-1A	ENG 1101	AM			
	EEE-2A	EEE 1201	CMR	EEE-2A	MATH1201	WU	EEE-2A	ME 2101	AI-A	EEE-2A	EEE 1204/2104	KH				
Saturday	Room										05:00 pm – 07:00 pm			07:10 pm – 09:10 pm		
											Section	C. code	Teacher	Section	C. code	Teacher
	502										ECE-1A	CE 1101	ES	ECE-1A	MATH 1121	AH
	503										ECE-2A	CE 1202 CE 2102	MSA MSA	ECE-2A	CE 2101	ES
	501										EEE-1A	MATH 1101	WU			
	311										EEE-2A	PHY 1201	MAH	EEE-2A	EEE 2103	KA
Thursday	502										ECE-1A	HUM 1162 HUM 1161	MH MH	ECE-1A	CE 2105	ES
	503										ECE-2A	CE 1204 CE 2110	ES ES	ECE-2A	MATH 1221	WU
	501										EEE-1A	CHM 1102 PHY 1102	NU SDN	EEE-1A	CHM 1101	NU
	311										EEE-2A	EEE1203	KH	EEE-2A	EEE 1202	RZ
	101													EEE-2A	EEE 1202	RZ

**Program:** EEEE : Evening Electrical and Electronic Engineering, ECE : Evening Civil Engineering B. Arch: Evening Bachelor of Architecture  
**Courses:** PHY : Physics, CHM: Chemistry, ENG: English, MATH: Mathematics, HUM: Humanities

**Program: EEE Class Routine: Fall -2018**

Day	Room	9:00 am – 10:15 am			10:30 am – 11:45 pm			12:00 pm – 01:15 pm			1:45 pm – 3:00 pm		
		Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher
Saturday	501				EEE-1B	PHY 1201	RH	EEE-1B	MATH 1201	EK	EEE-1B	EEE 1203	KA
Monday	501	EEE-1B	EEE 1101	RZ	EEE-1B	EEE 1201	KA						
Tuesday	501				EEE-1B	EEE 1201	KA	EEE-1B	EEE 1202	KA Lab	EEE-1B	PHY 1201	RH
Wednesday	501				EEE-1B	EEE 1203	KA	EEE-1B	MATH 1201	E K	EEE-1B	EEE 1204	NF Lab
Thursday	501				EEE-1B	EEE 1102	KA Lab	EEE-1B	PHY 1202	RH Lab	EEE-1B	EEE 1101	RZ

**Program:** EEE : Electrical and Electronics Engineering,



**Program: EEEE, ECE & B.Arch.**  
**Class Routine: Spring -2018 Effective from January 4, 2018**

Day	Room	9:00 am – 11:00 am			11:10 am – 01:10 pm			03:00 pm – 05:00 pm			05:10 pm – 07:10 pm			07:20 pm – 09:20 pm		
		Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher	Section	C. code	Teacher
<b>Friday</b>	502	ECE-1A	MATH 1121	NEW	ECE-1A	PHY 1131	NEW	ECE-1A	CH 1141	NEW	ECE-1A	HUM 1162	NEW			
	503							ECE-2A	MATH 1221	NEW	ECE-2A	CE 2203	PM	ECE-2A	CE 2201	PM
	505	EEE-1A	EEE 1101	NEW	EEE-1A	MATH 1101	NEW	EEE-1A	PHY 1101	NEW	EEE-1A	EEE 1102	NEW			
	506	EEE-2A	EEE 1201	NM/KH	EEE-2A	PHY 1201	NEW	EEE-2A	MATH1201	NEW	EEE-2A	EEE 1204/2014	KH			
	507	EEE-2B	PHY 1201	NEW	EEE-2B	EEE 1201	NM/KH	EEE-2B	EEE 1204/2104	KH	EEE-2B	MATH1201	NEW			
<b>Saturday</b>	Room										<b>05:00 pm – 07:00 pm</b>			<b>07:10 pm – 09:10 pm</b>		
											Section	C. code	Teacher	Section	C. code	Teacher
	502										ECE-1A	CE 1101	PM	ECE-1A	CE1104	PM
	503										ECE-2A	CE 1202	NEW	ECE-1A	HUM 1162	NEW
	505										ECE-2A	CE 2102	NEW	ECE-2A	CE 2101	NEW
	506										EEE-1A	CHM 1101	NEW			
	508										EEE-2A	EEE 2103	NM/KH	EEE-2A	ME 2101	NEW
	509										EEE-2B	ME 2101	NEW	EEE-2B	EEE 2103	NM/KH
<b>Thursday</b>	502										ECE-1A	CE 2105	PM	ECE-1A	PHY 1132	NEW
	503										ECE-2A	CE 1204	NEW	ECE-2A	CE 1201	PM
	505										ECE-2A	CE 2110	NEW			
	506										EEE-1A	CHM 1102	NEW	EEE-1A	ENG 1101	NEW
	507										EEE-1A	PHY 1102	NEW			
	508										EEE-2A	EEE1203	KH	EEE-2A	EEE 1202	NEW
	509										EEE-2B	EEE 1202	NEW	EEE-2B	EEE1203	KH

**Program:** EEEE : Evening Electrical and Electronics Engineering, ECE : Evening Civil Engineering B. Arch: Evening Bachelor of Architecture  
**Courses:** PHY : Physics, CHM: Chemistry, ENG: English, MATH: Mathematics, HUM: Humanities