

EEE (EV) Program

Registration Information Booklet SUMMER SEMESTER - 2019



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

Prepared & Designed by:
Dept. of EEE (Evening Program), Banani Campus,

House #13, Road # 17, Banani Dhaka 1213, Phone: 9821493-4,
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Academic Calendar Summer 2019 Semester Summer – 2019

Tuition Payment Structure

- Collect and Submit RRF (Registration Request form)** : April 5 to April 13, 2019
- Approval and Confirmation of Courses from Advisor** : April 5 to April 13, 2019
- Semester Begins** : May 17, 2019
- Add-drop courses if needed (Section change is not allowed)** : May 17 to 25, 2019
(Prerequisite Incomplete & Last semester students)
- Deadline for Payment to Confirm Registration** : May 25, 2019
(Payment should be minimum of 40% of the total tuition fees)
- Late Registration with Tk. 1000/- fine** : May 25, 2019
(Less than 40% payment will be treated as late registration)
- Deadline for Semester Drop** : May 25, 2019 (only semester fee to be paid)
- Class and Exam Schedule:**
 - I) Class Period before Mid-Term : May 17, 2019 to June 28, 2019
 - II) **Mid-Term Examinations** : July 5 2019 to July 13, 2019
 - III) Class Period before Final : July 19, 2019 to August 31, 2019
 - IV) **Final Examinations** : September 6 to 14, 2019
- Publication of Results** : September 16, 2019
- Classes Start for Fall 2019** : September 20 2019
- “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.”**

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 →	: (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.	May 25,2019
	: (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/=	July 4
	: (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.	September 5

N. B. For full registration Package please visit: www.nub.ac.bd

Registration Package, Summer 2019

Department of EEE (Evening Program)

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SL	Course Code	Course Title	Credit Hours	Prerequisite
Semester 1				
1	EEE 1101	Electrical Circuits I	3	-
2	ENG 1203	English II (Advanced)	3	-
3	PHY 1203	Physics II (Electromagnetism, Optics and Modern Physics)	3	-
4	MATH 1101	Mathematics I (Differential Calculus and Integral Calculus)	3	-
		Total Credits for Year: 2 Tri-semester: 1	12	
Semester 2				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 1203	Electrical Circuits II	3	EEE 1101
2	EEE 1102	Electrical Circuits Lab	1.5	EEE 1203
3	EEE 1305	Electronic Devices	3	EEE 1203, PHY 1203
4	EEE 1306	Electronic Devices Lab	1.5	EEE 1305
5	MATH 1303	Mathematics II (Differential Equation, Fourier Analysis & Set theory)	3	MATH 1101
6	CHM 1201	Chemistry	3	
7	CHM 1202	Chemistry Lab	1	CHM 1201
		Total Credits for Year: 2 tri-semester: 2	16	
Semester 3				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 2107	Structured Programming Language	2	MATH 1303
2	EEE 2108	Structured Programming Language Lab	1	EEE 2107
3	EEE 2109	Analog Electronics I	3	EEE 1305
4	ME 1301	Mechanical Engineering Fundamentals	3	PHY 1203
5	MATH 2105	Mathematics III (Complex Variable & Laplace Transformation)	3	MATH 1101, MATH 1303
6	EEE 2323	Energy Conversion I	3	PHY 1203
		Total Credits for Year: 2 tri-semester: 3	15	
Semester 4				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 2215	Analog Electronics II	3	EEE 2109
2	EEE 2216	Analog Electronics Lab	1.5	EEE 2109, EEE 2215
3	EEE 3233	Energy Conversion II	3	EEE 2323
4	EEE 3234	Energy Conversion Laboratory	1.5	EEE 2323, EEE 3233
5	EEE 3340	Electrical Services Design	1	EEE 1101, EEE 1203
6	GED 2303	Engineering Ethics/ Sociology/Human values and Morality	3	-

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7	MATH 2207	Mathematics IV (Matrices, Vectors & Coordinate Geometry)	2	MATH 1101, MATH 1303
Total Credits for Year: 3 tri-semester: 1			15	
Semester 5				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 2217	Digital Electronics	3	EEE 2109, EEE 2215
2	EEE 2218	Digital Electronics Lab	1.5	EEE 2217
3	EEE 3337	Control Systems Engineering	3	EEE 2321
4	EEE 3338	Control Systems Engineering Lab	1.5	EEE 3337
5	EEE 2321	Signals and Systems	3	MATH 1101, MATH 2105
6	EEE 2322	Electronic System Simulation Lab	1.5	EEE 1203, EEE 2109
7	MATH 3109	Mathematics V (Statistics and Probability)	2	MATH 1101, MATH 1303
Total Credits for Year: 3 tri-semester: 2			15.5	
Semester 6				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 3231	Power System I	3	EEE 3233
2	EEE 3232	Power System I Laboratory	1.5	EEE 3231
3	EEE 3127	Digital Signal Processing	3	EEE 2321
4	EEE 3128	Digital Signal Processing Lab	1.5	EEE 3127
5	EEE 3335	Communication Theory	3	EEE 2321
6	EEE 2325	Electrical Properties of Materials	2	
7	EEE 3336	Communication Theory Lab	1.5	EEE 3335
Total Credits for Year: 3 tri-semester: 3			15.5	
Semester 7				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 3129	Microprocessor and Assembly Language	3	EEE 2217
2	EEE 3130	Microprocessor and Assembly Language Lab	1.5	EEE 3129
3	EEE 4235	Optical Fiber Communication	3	EEE 3335
4	EEE 4273	Power Electronics	3	EEE 2215, EEE 3231
5	EEE 4274	Power Electronics Laboratory	1.5	EEE 4273
6	EEE 4000	Project/Thesis	5	Minimum of 80 Credits must be completed excluding registered courses for Summer 2019
Total Credits for Year: 4 tri-semester: 1			17	
Semester 8				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 4143	Solid State Devices	3	EEE 1305

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2	EEE 3340	Electrical Services Design	1	EEE 1101, EEE 1203
3	EEE 4339	Mobile Cellular Communication	3	EEE 3335
4	EEE 4277	Power System Protection	3	EEE 3231
5	EEE 4161	Power System II	3	EEE 3231
Total Credits for Year: 4 tri-semester: 2			13	
Semester 9				
SL	Course Code	Course Title	Credit Hours	Prerequisite
1	EEE 4275	Power Plant Engineering	3	EEE 3231
2	EEE 4389	Renewable Energy Technology	3	EEE 3231
3	EEE 4327	Measurement and Instrumentation	3	
4	EEE 4328	Measurement and Instrumentation Laboratory	1.5	
Total Credits for Year: 4 tri-semester: 3			10.5	

Northern University Bangladesh
Examination Schedule for Summer Semester, 2019 (Evening Program)
Department of EEE

Day	First Slot	Second Slot	Third Slot
Day 1	MATH 1101 Mathematics I (Differential Calculus and Integral Calculus) (1) EEE 2107 Structured Programming Language (3) EEE 4143 Solid State Devices (8) EEE 4389 Renewable Energy Technology (9)	MATH 1303 Mathematics II (Differential Equation, Fourier Analysis & Set theory) (2) EEE 2215 Analog Electronics II (4) EEE 2217 Digital Electronics (5) EEE 2325 Electrical Properties of Materials (6) EEE 3129 Microprocessor and Assembly Language(7)	
Day 2		EEE 1305 Electronic Devices (2) EEE 2109 Analog Electronics I (3) EEE 4339 Mobile Cellular Communication (8) EEE 3337 Control Systems Engineering (5)	PHY 1203 Physics II (Electromagnetism, Optics and Modern Physics) (1) EEE 3233 Energy Conversion II (4) EEE 3127 Digital Signal Processing (6) EEE 4275 Power Plant Engineering (9)
Day 3			ME 1301 Mechanical Engineering Fundamentals (3)
Day 4	CHM1201 Chemistry (2) MATH 3109 Mathematics V (Statistics and Probability) (5) EEE 3335 Communication Theory (6) EEE 4235 Optical Fiber Communication (7)	ENG 1203 English II (Advanced) (1) MATH 2105 Mathematics III (Complex Variable & Laplace Transformation) (3) GED 2303 Engineering Ethics/ Sociology/Human values and Morality (4) EEE 4277 Power System Protection (8)	
Day 5		EEE 1101 Electrical Circuits I (1) MATH 2207 Mathematics IV (Matrices, Vectors & Coordinate Geometry)(4) EEE 4273 Power Electronics (7) EEE 4161 Power System II (8) EEE 2323 Energy Conversion I (3)	EEE 2321 Signals and Systems (5) EEE 3231 Power System I (6) EEE 4327 Measurement and Instrumentation (9) EEE 1203 Electrical Circuits II (2)

List of Students' Advisor

Northern University Bangladesh
Dept. of EEE Evening Program

St. no	Student ID	Teacher's Name
1	32120100149-32160200600	Dr. Nasir Uddin
2	32160200606-32160300714	Md. Shahiduzzaman
3	32160300716-32170100833	Md. Shafiul Alam
4	32170100834-32170200950	Mir Muntasir Hossain
5	32170200952-32170201060	Mansura Sadek
6	32170201061-32170301181	Tajnin Rahman
7	32170301183-32180101295	Md. Saydur Rahman
8	32180101297-32180101395	Jinia Afroj
9	32180101397-32180201504	Soheli Noshin Prottasha
10	32180201506-32180301602	Kamal Hosen
11	32180301604-32180301695	Kinjon Barua
12	32180301696-32190101778	Abul Al Arabi
13	32190101779-32190101853	Md. Sadiqur Rahman

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. A registered student must be paid their tuition fees within the specified deadline, as indicated in the “**tuition fees 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 medical ground or unavoidable circumstances. The students must apply to the Vice-Chancellor through Head of the Department for special midterm exam. Decision to be given by honorable Vice-Chancellor. A fee of TK.2000/- 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 with supporting documents to the ACAD within 07 days of the completion of exam for the approval of Controller of Examination. A fee of TK.2000/- 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% class’s 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 ‘A-’ 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.

