



Department of Electrical and Electronic Engineering
Uttara University

Offered Courses for Spring-2019

Only for Evening Batches

| 30th Evening Batch | | | | | | |
|-------------------------------|-------------|-------------------------------------|-----------|-------------|--------------------|-------------------|
| Level-1, Term-1, Semester-1st | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 101 | Electrical Circuits-I | 3 | 3 | × | |
| 2 | MATH 101 | Differential & Integral Calculus | 3 | 3 | × | |
| 3 | HUM 103 | Composition & Communication Skills | 3 | 3 | HUM 101 | HUM 101 is waived |
| 4 | HUM 105 | Bangladesh Studies | 3 | 3 | × | |
| 5 | HUM 205 | Financial and Managerial Accounting | 3 | 3 | × | |
| Total = | | | 15 | 15 | Spring-2019 | |

| 29th Evening Batch | | | | | | |
|-------------------------------|-------------|--|-------------|-------------|--------------------|-------------------|
| Level-1, Term-2, Semester-2nd | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 103 | Electrical Circuits-II | 3 | 3 | EEE 101 | |
| 2 | EEE 104 | Electrical Circuits-II Lab | 1.5 | 3 | EEE 103 | |
| 3 | MATH 103 | Differential Equations & Special functions | 3 | 3 | MATH 101 | |
| 4 | PHY 103 | Physics-II | 3 | 3 | PHY 101 | PHY 101 is waived |
| 5 | HUM 207 | Professional Ethics | 3 | 3 | × | |
| Total = | | | 13.5 | 15 | Spring-2019 | |

| 28th Evening Batch | | | | | | |
|-------------------------------|-------------|---|-----------|-------------|--------------------|---------|
| Level-1, Term-3, Semester-3rd | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 201 | Electronics-I | 3 | 3 | EEE 103 | |
| 2 | EEE 202 | Electronics-I Lab | 1.5 | 3 | EEE 201 | |
| 3 | CSE 101 | Computer Programming | 3 | 3 | × | |
| 4 | CSE 102 | Computer Programming Lab | 1.5 | 3 | CSE 101 | |
| 5 | MATH 105 | Linear Algebra & Mathematical Transformations | 3 | 3 | MATH 103 | |
| Total = | | | 12 | 15 | Spring-2019 | |

| 27th Evening Batch | | | | | | |
|---------------------------------|-------------|--|-------------|-------------|--------------------|---------|
| Level-2 , Term-1 , Semester-4th | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 203 | Electronics-II | 3 | 3 | EEE 201 | |
| 2 | EEE 204 | Electronics-II Lab | 1.5 | 3 | EEE 203 | |
| 3 | EEE 205 | Energy Conversion-I | 3 | 3 | PHY 103, EEE 103 | |
| 4 | EEE 206 | Energy Conversion-I Lab | 1.5 | 3 | EEE 205 | |
| 5 | EEE 212 | Electronic Circuit Simulation Laboratory | 1.5 | 3 | EEE 201, EEE 103 | |
| 6 | MATH 201 | Vector Geometry and Complex Variables | 3 | 3 | MATH 105 | |
| 7 | HUM 207 | Professional Ethics | 3 | 3 | × | |
| Total = | | | 16.5 | 21 | Spring-2019 | |

| 26th Evening Batch | | | | | | |
|---------------------------------|-------------|--------------------------------|-----------|-------------|--------------------|---------|
| Level-2 , Term-2 , Semester-5th | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 207 | Digital Electronics | 3 | 3 | EEE 201 | |
| 2 | EEE 208 | Digital Electronics Lab | 1.5 | 3 | EEE 207 | |
| 3 | EEE 209 | Energy Conversion-II | 3 | 3 | EEE 205 | |
| 4 | EEE 210 | Energy Conversion-II Lab | 1.5 | 3 | EEE 209 | |
| 5 | EEE 211 | Electromagnetic Fields & Waves | 3 | 3 | PHY 101, MATH 201 | |
| 6 | MATH 203 | Probability & Statistics | 3 | 3 | MATH 201 | |
| Total = | | | 15 | 18 | Spring-2019 | |

| 25th Evening Batch | | | | | | |
|---------------------------------|-------------|--|-------------|-------------|---------------------------|---------|
| Level-2 , Term-3 , Semester-6th | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 301 | Signal & Systems | 3 | 3 | MATH 103 MATH 105 EEE 103 | |
| 2 | EEE 303 | Communication Theory | 3 | 3 | EEE 211 | |
| 3 | EEE 304 | Communication Theory Lab | 1.5 | 3 | EEE 303 | |
| 4 | EEE 307 | Semiconductor Devices | 3 | 3 | EEE 351 | |
| 5 | EEE 351 | Electrical Properties of Materials | 3 | 3 | EEE 201, PHY 101 | |
| 6 | EEE 483 | Transmission and Distribution | 3 | 3 | EEE-371 | |
| 7 | ME 421 | Mechanical Engineering Fundamentals (Core) | 3 | 3 | × | |
| Total = | | | 19.5 | 21 | Spring-2019 | |

| 24th Evening Batch | | | | | | |
|---------------------------------|-------------|------------------------------------|-------------|-------------|--------------------|---------|
| Level-3 , Term-1 , Semester-7th | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 305 | Control Systems | 3 | 3 | EEE 309 | |
| 2 | EEE 306 | Control Systems Lab | 1.5 | 3 | EEE 305 | |
| 3 | EEE 309 | Digital Signal Processing | 3 | 3 | EEE 301 | |
| 4 | EEE 310 | Digital Signal Processing Lab | 1.5 | 3 | EEE 309 | |
| 5 | EEE 311 | Microprocessor and Interfacing | 3 | 3 | EEE 207 | |
| 6 | EEE 312 | Microprocessor and Interfacing Lab | 1.5 | 3 | EEE 311 | |
| 7 | EEE 400 | Project and Thesis | 6 | 2 | × | |
| Total = | | | 19.5 | 20 | Spring-2019 | |

| 23rd Evening Batch | | | | | | |
|---------------------------------|-------------|-----------------------------------|-----------|-------------|--------------------|---------|
| Level-3 , Term-2 , Semester-8th | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 313 | VLSI Design | 3 | 3 | EEE 207 EEE 311 | |
| 2 | EEE 314 | VLSI Design Lab | 1.5 | 3 | EEE 313 | |
| 3 | EEE 333 | Wireless and Mobile Communication | 3 | 3 | x | |
| 4 | EEE 371 | Power Systems | 3 | 3 | × | |
| 5 | EEE 465 | Power Electronics | 3 | 3 | EEE 103, EEE 201 | |
| 6 | EEE 466 | Power Electronics Lab | 1.5 | 3 | EEE465 | |
| 7 | EEE 400 | Project and Thesis | | 2 | Continue | |
| Total = | | | 15 | 20 | Spring-2019 | |

| 22nd Evening Batch | | | | | | |
|---------------------------------|-------------|-----------------------------------|-------------|-------------|--------------------|---------|
| Level-3 , Term-3 , Semester-9th | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| 1 | EEE 416 | Electrical Services Design (Core) | 2 | 3 | EEE 103 | |
| 2 | EEE 471 | Power Plant Engineering | 3 | 3 | x | |
| 3 | EEE 473 | Power System Protection | 3 | 3 | EEE 483 | |
| 4 | EEE 474 | Power System Protection Lab | 1.5 | 3 | EEE 473 | |
| 5 | EEE 373 | Renewable Energy | 3 | 3 | x | |
| 6 | EEE 400 | Project and Thesis | | 2 | Continue | |
| Total = | | | 12.5 | 17 | Spring-2019 | |

| Mixed Batch (Evening + Day) | | | | | | |
|--|--------------------|-------------------------|----------------|--------------------|---------------------|--------------------|
| Students from any batch(Main / Mirpur) & Retake / Incomplete / Dropped students | | | | | | |
| Sl. No. | Course Code | Course Title | Credits | Contact Hr. | Prerequisite | Remarks |
| | HUM 101 | Basic English | 3 | 3 | | |
| | HUM 201 | International Relations | 3 | 3 | | |
| | HUM 203 | Economics | 3 | 3 | | |
| | | | | | | Spring-2019 |

Last updated : 10th October-2018

Prepared by :.....

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Dept of EEE, Uttara University

Approved by :.....

Dr. Md. Shakowat Zaman Sarker

Chairman & Associate Professor

Dept. of EEE, Uttara University