

**Daffodil International University**  
 Department of Electronics and Telecommunication Engineering  
 Course Offered for Fall 2020 (B.Sc in ETE)

| Semester                  | Course Code | Course Title                           | Prerequisite | Credit | Batch   | Stu.      | No. of Section |
|---------------------------|-------------|--|--------------|--------|---|-----------|----------------|
| <b>Level 02-Term 02</b>   |             |  |              |        |   |           |                |
| 6th                       | ETE 231     | Machine Learning and Expert system     | ETE 215      | 3      | <b>Batch-ETE 48<br/>ID: 191 (Program Code 19)<br/>New Syllabus 145 Cr</b> | <b>15</b> | 1 Section      |
|                           | ETE 232     | Machine Learning and Expert system Lab | ETE 216      | 1      |   |           | 1 Section      |
|                           | ETE 235     | Digital Electronics                    | ETE 225      | 3      |   |           | 1 Section      |
|                           | ETE 236     | Digital Electronics Lab                | ETE 226      | 1      |   |           | 1 Section      |
|                           | ETE 237     | Digital Communication                  | ETE 227      | 3      |   |           | 1 Section      |
|                           | ETE 238     | Digital Communication Lab              | ETE 227      | 1      |   |           | 1 Section      |
| <b>Level 03-Term 02</b>   |             |  |              |        |   |           |                |
| 8th                       | ETE 321     | Digital Signal Processing              | MAT 215      | 3      | <b>Batch-ETE 46 &amp; 47<br/>ID: 182 &amp; 183 (Program Code 19)</b>      | <b>13</b> | 1 Section      |
|                           | ETE 322     | Digital Signal Processing Lab          | MAT 215      | 1      |   |           | 1 Section      |
|                           | ETE 323     | Industrial and Power Electronics       | ETE 233      | 3      |   |           | 1 Section      |
|                           | ETE 324     | Industrial and Power Electronics Lab   | ETE 234      | 1      |   |           | 1 Section      |
|                           | ETE 325     | Electromagnetic Fields and Waves       | ETE 235      | 3      |   |           | 1 Section      |
|                           |             |  |              |        |   |           |                |
| <b>Level 03-Term 03</b>   |             |  |              |        |   |           |                |
| 9th                       | ETE 331     | Computer Networks                      | ETE 315      | 3      | <b>Batch-ETE 45<br/>ID: 181 (Program Code 19)</b>                         | <b>15</b> | 1 Section      |
|                           | ETE 332     | Computer Networks Lab                  | ETE 316      | 1      |   |           | 1 Section      |
|                           | ETE 335     | Control Systems                        | ETE 223      | 3      |   |           | 1 Section      |
|                           | ETE 336     | Control Systems Lab                    | ETE 224      | 1      |   |           | 1 Section      |
|                           | ETE 337     | Optical Fiber Communication            | ETE 315      | 3      |   |           | 1 Section      |
| <b>Level 04 - Term 02</b> |             |  |              |        |   |           |                |
| 11th                      | ETE 421     | Solid State Electronics                | ETE 325      | 3      | <b>Batch-ETE</b>  | <b>25</b> | 1 Section      |

|                           |         |                                    |                  |   |  |           |           |
|---------------------------|---------|------------------------------------|------------------|---|--|-----------|-----------|
|                           | ETE 451 | Advances Telecommunication Network | ETE 315          | 3 | <b>43 &amp; 44 ID: 172 &amp; 173 (Program Code 19)</b> |           | 1 Section |
|                           | ETE 452 | Satellite Communication            | ETE 325          | 3 |  |           | 1 Section |
|                           | ETE 457 | Broadcast technologies             | ETE 325          | 3 |  |           | 1 Section |
|                           |         |                                    |                  |   |  |           |           |
| <b>Level 04 - Term 03</b> |         |                                    |                  |   |  |           |           |
| 12th                      | ETE 499 | Project / Internship               | Level 4 students | 4 | <b>Batch-ETE 42 ID: 171 (Program Code 19)</b>          | <b>24</b> | 1 Section |
|                           | ETE 498 | Comprehensive Viva                 | Level 4 students | 1 |  |           | 1 Section |
|                           |         |                                    |                  |   |  |           |           |
|                           |         |                                    |                  |   |  |           |           |

**\*\* These 3 Labs (ETE 318, ETE 324 and ETE 416) will not be offered in Summer 2020. These courses are solely instrument based lab and need physical interaction.**