



| First Year | | | | | |
|----------------|--|--------------|-----------------|--|-----------|
| First Semester | | | Second Semester | | |
| Course No. | Course Title | Cr. Hrs. | Course No. | Course Title | Cr. Hrs. |
| 20132 | Calculus (1) | 3 | 11103 | Structured Programming | 3 |
| 20141 | Physics (1) | 3 | 11151 | Structured Programming Lab | 1 |
| 20148 | Physics (1) Lab | 1 | 20133 | Calculus (2) | 3 |
| 31111 | Arabic Language | 3 | 20142 | Physics (2) | 3 |
| 31151 | National Education | 3 | 20149 | Physics (2) Lab | 1 |
| 31153 | Introduction to Society, Technology and Environment Protection | 0 | 31121 | English Language | 3 |
| | Elective University Requirements (General) | 3 | | Elective University Requirements (General) | 3 |
| | | Total | | | 17 |
| | | 16 | | | |

| Second Year | | | | | |
|----------------|--|--------------|-----------------|-----------------------|-----------|
| First Semester | | | Second Semester | | |
| Course No. | Course Title | Cr. Hrs. | Course No. | Course Title | Cr. Hrs. |
| 20200 | Technical Writing and Communication Skills | 3 | 20241 | Physics (3) | 3 |
| 20231 | Calculus (3) | 3 | 21222 | Electric Circuits (2) | 3 |
| 20232 | Engineering Mathematics(1) | 3 | 21229 | Electric Circuits Lab | 1 |
| 21219 | Engineering Workshop | 1 | 21231 | Electronics (1) | 3 |
| 21221 | Electric Circuits (1) | 3 | 22241 | Digital Logic Design | 3 |
| | Elective University Requirements (Scientific, Practical) | 3 | 31251 | Military Science | 3 |
| | | Total | | | 16 |
| | | 16 | | | |

| Third Year | | | | | |
|----------------|---|--------------|-----------------|-------------------------|-----------|
| First Semester | | | Second Semester | | |
| Course No. | Course Title | Cr. Hrs. | Course No. | Course Title | Cr. Hrs. |
| 20331 | Engineering Mathematics(2) | 3 | 20333 | Numerical Analysis | 3 |
| 21218 | Engineering Drawing Lab | 1 | 20334 | Applied Probability | 3 |
| 21331 | Electronics (2) | 3 | 21332 | Digital Electronics | 3 |
| 21338 | Electronics Lab | 1 | 21339 | Digital Electronics Lab | 1 |
| 22344 | Microprocessors | 3 | 23321 | Electromagnetics (1) | 3 |
| 22347 | Logic &Microprocessors Lab | 1 | 23353 | Analog Communications | 3 |
| 23351 | Signals and Systems | 3 | | | |
| 23352 | Programming Applications in Signals & Systems | 1 | | | |
| | | Total | | | 16 |
| | | 16 | | | |

| Fourth Year | | | | | |
|----------------|--|--------------|-----------------|-------------------------------|-----------|
| First Semester | | | Second Semester | | |
| Course No. | Course Title | Cr. Hrs. | Course No. | Course Title | Cr. Hrs. |
| 22442 | Embedded Systems | 3 | 21431 | Communication Electronics | 3 |
| 23421 | Electromagnetics (2) | 3 | 21439 | Communication Electronics Lab | 1 |
| 23451 | Digital Communications | 3 | 22448 | Embedded Systems Lab | 1 |
| 23459 | Communications Lab | 1 | 23422 | Microwave Engineering | 3 |
| 23490 | Practical Training | 3 | 23458 | Mobile Development Lab | 1 |
| 24471 | Automatic Control | 3 | 24411 | Engineering Ethics | 1 |
| 24479 | Automatic Control Lab | 1 | 32431 | Engineering Economics | 3 |
| | Elective University Requirements (Scientific, Practical) | 3 | | | |
| | | Total | | | 13 |
| | | 20 | | | |



| Fifth Year | | | | | |
|----------------|--|-----------|-----------------|-------------------------------|-----------|
| First Semester | | | Second Semester | | |
| Course No. | Course Title | Cr. Hrs. | Course No. | Course Title | Cr. Hrs. |
| 23551 | Optical Communications | 3 | 23553 | Communication Networks | 3 |
| 23552 | Cellular Communications | 3 | 23558 | Cellular Communications Lab | 1 |
| 23557 | Optical Communications Lab | 1 | 23559 | Communication Networks Lab | 1 |
| 23571 | Digital Signal Processing | 3 | 23592 | Senior Project (2) | 2 |
| 23591 | Senior Project (1) | 1 | | Elective Program Requirements | 6 |
| | Elective Program Requirements | 3 | | Total | 13 |
| | Elective University Requirements (Scientific, Practical) | 3 | | | |
| | Total | 17 | | | |