

| FALL SEMESTER |                   |                                       |       |      |     |    |           | SPRING SEMESTER |                           |   |       |      |     |            |            |           |           |
|---------------|-------------------|---------------------------------------|-------|------|-----|----|-----------|-----------------|---------------------------|---|-------|------|-----|------------|------------|-----------|-----------|
|               | Course Code       | Course Name                           | Lect. | Tut. | Lab | Cr | ECTS      |                 | Course Code               | Course Name   | Lect. | Tut. | Lab | Cr         | ECTS       |           |           |
| YEAR 1        | MATH101           | Calculus I                            | 3     | 2    | 0   | 4  | 6         |                 | MATH110                   | Calculus II   | 3     | 2    | 0   | 4          | 6          |           |           |
|               | PHYS103           | Physics I                             | 3     | 0    | 2   | 4  | 6         |                 | PHYS104                   | Physics II  | 3     | 0    | 2   | 4          | 6          |           |           |
|               | ENGL121           | English I                             | 3     | 0    | 0   | 3  | 4         |                 | ENGL122                   | English II  | 3     | 0    | 0   | 3          | 4          |           |           |
|               | COMP117           | Computing Foundations                 | 3     | 0    | 2   | 4  | 7         |                 | COMP124                   | Computer Programming                                  | 3     | 0    | 2   | 4          | 6          |           |           |
|               | MATH109           | Linear Algebra                        | 3     | 0    | 0   | 3  | 5         |                 | CHEM104                   | Chemistry   | 3     | 0    | 2   | 4          | 6          |           |           |
|               | EE 119            | Introduction to profession            | 2     | 0    | 0   | NC | 2         |                 | TURK200 / HIST100         | Turkish (TR/NC) / History of Civilisation (Foreigner) | 2     | 0    | 0   | NC         | 2          |           |           |
|               | <b>TOTAL:</b>     |                                       |       |      |     |    | <b>18</b> | <b>30</b>       |                           | <b>TOTAL:</b>   |       |      |     |            |            | <b>19</b> | <b>30</b> |
| YEAR 2        | MATH201           | Ord. Diff. Equtions                   | 3     | 2    | 0   | 4  | 6         |                 | MATH226                   | Prob. & Stat. Methods                                 | 3     | 0    | 0   | 3          | 5          |           |           |
|               | EE203             | Digital Circuits                      | 2     | 0    | 2   | 3  | 6         |                 | MATH224                   | Engineering Maths                                     | 3     | 0    | 0   | 3          | 5          |           |           |
|               | EE215             | Circuit Theory I                      | 3     | 0    | 2   | 4  | 6         |                 | EE216                     | Circuit Theory II                                     | 3     | 0    | 2   | 4          | 6          |           |           |
|               | EE227             | Electrical Materials                  | 3     | 0    | 0   | 3  | 6         |                 | EE228                     | Electronics I   | 3     | 0    | 2   | 4          | 6          |           |           |
|               | UE-AH-1           | Non-tech Elective (Art & Humanities)  | 3     | 0    | 0   | 3  | 4         |                 | EE214                     | Electromagnetic Theory I                              | 3     | 0    | 0   | 3          | 5          |           |           |
|               | TURK200 / HIST100 | Turkish (Foreigner )/ History (TR/NC) | 2     | 0    | 0   | 2  | 2         |                 | EE222                     | Technical Drawing & CAD                               | 3     | 0    | 0   | 3          | 3          |           |           |
|               | <b>TOTAL:</b>     |                                       |       |      |     |    | <b>19</b> | <b>30</b>       |                           | <b>TOTAL:</b>   |       |      |     |            |            | <b>20</b> | <b>30</b> |
| YEAR 3        | EE317             | Signals and Systems                   | 2     | 0    | 2   | 3  | 6         |                 | EE320                     | Microprocessor Systems                                | 3     | 0    | 2   | 4          | 7          |           |           |
|               | EE315             | Electromagnetic Theory II             | 3     | 0    | 0   | 3  | 5         |                 | ENGL330                   | Technical Writing                                     | 3     | 0    | 0   | 3          | 3          |           |           |
|               | EE337             | Electronics II                        | 3     | 0    | 2   | 4  | 6         |                 | EE342                     | Communication Systems I                               | 2     | 0    | 2   | 3          | 6          |           |           |
|               | EE341             | Electromechanical Energy Conv. I      | 2     | 0    | 2   | 3  | 5         |                 | EE322                     | Control Systems                                       | 3     | 0    | 0   | 3          | 5          |           |           |
|               | EE339             | Electronic Instrumentation            | 3     | 0    | 0   | 3  | 3         |                 | UE-AH-2                   | Non-technical Elective II                             | 3     | 0    | 0   | 3          | 4          |           |           |
|               | EE3xx             | Technical Elective I                  | 3     | 0    | 0   | 3  | 5         |                 | EE3xx                     | Technical Elective II                                 | 3     | 0    | 0   | 3          | 5          |           |           |
|               | <b>TOTAL:</b>     |                                       |       |      |     |    | <b>19</b> | <b>30</b>       |                           | <b>TOTAL:</b>   |       |      |     |            |            | <b>19</b> | <b>30</b> |
| YEAR 4        | EE410             | Graduation Project I                  | 0     | 0    | 2   | 1  | 3         |                 | EE420                     | Graduation Project II                                 | 0     | 0    | 6   | 3          | 10         |           |           |
|               | ECON413           | Eng. Economics                        | 3     | 0    | 0   | 3  | 5         |                 | ENGG434                   | Engineering Ethics                                    | 3     | 0    | 0   | 3          | 5          |           |           |
|               | EE4xx             | Technical Elective III                | 3     | 0    | 0   | 3  | 5         |                 | EE4xx                     | Technical Elective VII                                | 3     | 0    | 0   | 3          | 5          |           |           |
|               | EE4xx             | Technical Elective IV                 | 3     | 0    | 0   | 3  | 5         |                 | EE4xx                     | Technical Elective VIII                               | 3     | 0    | 0   | 3          | 5          |           |           |
|               | EE4xx             | Technical Elective V                  | 3     | 0    | 0   | 3  | 5         |                 | EE4xx                     | Technical Elective IX                                 | 3     | 0    | 0   | 3          | 5          |           |           |
|               | EE4xx             | Technical Elective VI                 | 3     | 0    | 0   | 3  | 5         |                 |                           |   |       |      |     |            |            |           |           |
|               | EE310             | Summer Training                       | 0     | 0    | 1   | 0  | 2         |                 |                           |   |       |      |     |            |            |           |           |
|               | <b>TOTAL:</b>     |                                       |       |      |     |    | <b>16</b> | <b>30</b>       |                           | <b>TOTAL:</b>   |       |      |     |            |            | <b>15</b> | <b>30</b> |
|               |                   |                                       |       |      |     |    |           |                 | <i>Cumulative Credits</i> |   |       |      |     | <b>145</b> | <b>240</b> |           |           |