

## Komar University of Science and Technology College of Engineering, Computer Department (124 Credit Hours) F19+

| First Year (Freshman) (32CH)                   |                                | Second Year (Sophomore) (31CH)          |  | Third Year (Junior) (33CH)    |  |                    | Fourth Year (Senior) (28CH)       |   |
|--|--------------------------------|---|--|-------------------------------|--|--------------------|-----------------------------------|---|
| Fall (16CH)                                    | Spring (16CH)                  | Fall (16CH)                             | Spring (15CH)                              | Fall (18CH)                   | Spring (15CH)                          |                    | Fall (15CH)                       | Spring (13CH)                               |
| EGH0615  | MTH1410                        | MTH1411                                 | MTH1411                                    | MTH1411                       | MTH1411                                |                    | CPE2320, (80 CH)                  | CPE3450C                                    |
| Calculus I                                     | Calculus II                    | Advanced Calculus                       | Differential<br>Equations                  | Statistics for<br>Engineering | Discrete Structures                    |                    | Circuit Analysis                  | Computer<br>Networking Design<br>& Analysis |
| MTH1410  | MTH1411                        | MTH2412                                 | MTH2315                                    | MTH3325                       | MTH3330                                |                    | CPE4355C                          | CPE4375                                     |
| EGH0615  | MTH1410   MTH1411              | PHY1410C                                | CPE2405C                                   | CPE2325                       | EGH3215                                |                    | CPE2325                           | CPE4360                                     |
| Information and<br>Communication<br>Technology | General Physics I & Lab        | General Physics II &<br>Lab             | Object Oriented<br>Programming             | Microprocessors               | Engineering<br>Economy                 |                    | Operating System                  | Computer Security                           |
| CPE1410C                                       | PHY1410C                       | PHY2411C                                | CPE2315                                    | CPE3435C                      | ENC3310                                |                    | CPE4360                           | CPE4385                                     |
| EGH0615  | EGH0615                        | CMP1300                                 | PHY2411C                                   | CPE2315                       | CPE3330                                | P                  | CPE3435C                          | CPE3345                                     |
| Computer Skills                                | Introduction to<br>Engineering | Programming<br>Concepts &<br>Algorithms | Electronic Materials                       | Data Structures               | Software<br>Engineering                | Practical Training | Introduction to<br>Embeded System | Artificial Intelligent                      |
| CMP1300  | ENG1200                        | CPE2405C                                | CPE2320                                    | CPE3340                       | CPE3345                                | ining              | CPE4365                           | CPE4390                                     |
| EGH0615  | EGH1310                        | CMP1300, CPE1410C                       | CPE2410C                                   | Dep. Approval                 | CPE2325                                |                    | CPE2325, CPE3340                  | Dep. Approval                               |
| Academic English I                             | Academic English II            | Computer Logic<br>Design                | Computer<br>Organization &<br>Architecture | Departmental<br>Electives I   | Computer<br>Communication &<br>Network | CPE3050            | Computer System<br>Design         | Graduation Project                          |
| EGH1310  | EGH1311                        | CPE2410C                                | CPE2325                                    | (3 CH)                        | CPE3450C                               |                    | CPE4370C                          | CPE4496                                     |
| EGH0615  | EGH1310                        |   | CPE2405C                                   | (60 CH)                       | EGH3215                                |                    | Dep. Approval                     |   |
| Kurdology                                      | Academic Debate                |   | Fundamentals of Database Systems           | Social Science<br>Elective    | Research<br>Methodology                |                    | Departmental<br>Electives II      |   |
| SOS1205  | HUM1300                        |   | CPE3330                                    | (3 CH)                        | HUM3215                                |                    | (3 CH)                            |   |
|  |                                |   |  | EGH1310                       |  |                    |                                   |   |
|  |                                |   |  | Professional<br>Communication |  |                    |                                   |   |
|  |                                |   |  | EGH3215                       |  |                    |                                   |   |