



| Bachelor of Engineering(Hons) in Computer Hardware and Networking-N |              |            |  |    |         |
|---|--------------|------------|--|----|---------|
| #   | Code         | Semester:  | Module   | CP | Level   |
| 1   | MASC 10001.1 | Semester:1 | College Mathematics                                    | 15 | Level 1 |
| 2   | ELEC 10001   |            | Electrical and Electronics Engineering                 | 15 | Level 1 |
| 3   | LANG 10001   |            | English for Special Purpose                            | 15 | Level 1 |
| 4   | COMP 10002   |            | Fundamentals of Computer Hardware                      | 15 | Level 1 |
| 5   | COMP 10005   | Semester:2 | Introduction to Programming                            | 15 | Level 1 |
| 6   | MASC 10003.1 |            | Intermediate Mathematics                               | 15 | Level 1 |
| 7   | COMP 10006   |            | Fundamentals of Computer Networks                      | 15 | Level 1 |
| 8   | COMP 10007   |            | Systems Analysis and Design                            | 15 | Level 1 |
| 9   | COMP 20001   | Semester:3 | Network Protocols                                      | 15 | Level 2 |
| 10  | COMP 20004   |            | Operating Systems                                      | 15 | Level 2 |
| 11  | COMP 20005   |            | Network Administration                                 | 15 | Level 2 |
| 12  | ELEC 10006   |            | Digital Electronics                                    | 15 | Level 1 |
| 13  | COMP 20002   | Semester:4 | Fundamentals of Relational Database Management Systems | 15 | Level 2 |
| 14  | ELCT 10001   |            | Job Skills   | 15 | Level 1 |
| 14  | ELCT 10002   |            | Core Life Skill Strategies and Techniques              | 15 | Level 1 |
| 14  | ELCT 10000   |            | Elective 1   | 15 | Level 1 |
| 15  | COMP 20010   |            | Advanced Computer Hardware                             | 15 | Level 2 |
| 16  | PROJN 20001  |            | Project 1  | 15 | Level 2 |
| 17  | LANG 20002   | Semester:5 | Communication Skills                                   | 15 | Level 2 |
| 18  | COMP 20015   |            | Routing and Switching                                  | 15 | Level 2 |
| 19  | MASC 20002   |            | Discrete Mathematics                                   | 15 | Level 2 |
| 20  | COMP 30002   |            | Computer Architecture                                  | 15 | Level 3 |
| 21  | COMP 30005   | Semester:6 | Communication Server Administration                    | 15 | Level 3 |
| 22  | ELEC 20008   |            | Microprocessors and Interfacing                        | 15 | Level 2 |
| 23  | COMP 30018   |            | Systems Project Management                             | 15 | Level 3 |
| 24  | COMP 30019   |            | Network Security                                       | 15 | Level 3 |
| 25  | PROJN 30001  | Semester:7 | Project Planning                                       | 15 | Level 3 |
| 26  | COMP 30022   |            | Advanced Networking Technologies                       | 15 | Level 3 |
| 27  | ELCT 20002.1 |            | Entrepreneurship and New Venture Creation              | 15 | Level 2 |
| 27  | ELCT 20003   |            | Intercultural Studies                                  | 15 | Level 2 |
| 28  | COMP 30011   |            | Network Management                                     | 15 | Level 3 |
| 29  | BUSS 10001   | Semester:8 | Omani Business Environment Studies                     | 15 | Level 1 |
| 30  | COMP 30021   |            | Database Administration                                | 15 | Level 3 |
| 31  | PROJN 30002  |            | Project Design and Implementation                      | 30 | Level 3 |