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| **BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING (B.S.EE)** |
| *(Curriculum applicable to students who entered as freshmen beginning school year 2010-2011)* |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 1 | 1 | CWTS011 | OVERVIEW OF THE NATIONAL SERVICE TRAINING PROGRAM | 3.0 | - | 2.0  |  |   | CSRO |
| 1 | 1 | DRAW021W | ENGINEERING DRAWING 1  | - | 3.0  | 1.0  |   |   | CAS |
| 1 | 1 | ENG011 | ENGLISH FOR ACADEMIC STUDIES 1 | 3.0  | - | 2.0  |   |   | CAS |
| 1 | 1 | HUM011 | LOGIC REASONING WITH CRITICAL THINKING | 4.5  | - | 3.0  |   |   | CAS |
| 1 | 1 | IT001L | COMPUTER FUNDAMENTALS 1 (LAB) | - | 3.0  | 1.0  |   |   | CIT |
| 1 | 1 | MATH011 | ALGEBRA  | 4.5  | - | 3.0  |   |   | CAS |
| 1 | 1 | PE021 | PHYSICAL EDUCATION 1: PHYSICAL FITNESS & GYMNASTICS | - | 2.5  | 1.5 |   |   | CAS |
| 1 | 1 | SS016 | PHILIPPINE HISTORY | 4.5  | - | 3.0  |   |   | CAS |
| 1 | 1 | VE011 | VALUES EDUCATION 1 | 1.5  | - | 1.0 |   |   | CAS |
|  |  |  | **Total** | **21.0**  | **8.5** | **17.5\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 1 | 2 | CWTS012 | CIVIC WELFARE TRAINING COURSE - I | 3.0 | - | 2.0  | CWTS011 |   | CSRO |
| 1 | 2 | DRAW022W | ENGINEERING DRAWING 2 (DRAW) | - | 3.0  | 1.0  | DRAW021W |   | CAS |
| 1 | 2 | ENG012 | ENGLISH FOR ACADEMIC STUDIES 2 | 3.0  | - | 2.0  | ENG011 |   | CAS |
| 1 | 2 | HUM016 | ADVANCED LOGIC AND REASONING | 4.5  | - | 3.0  |  HUM011 |   | CAS |
| 1 | 2 | IT002L | COMPUTER FUNDAMENTALS 2 (LAB) | - | 3.0  | 1.0  | IT001L |   | CIT |
| 1 | 2 | MATH011-2 | ADVANCED ALGEBRA | 3.0  | - | 2.0  | MATH011 |   | CAS |
| 1 | 2 | MATH012 | PLANE AND SPHERICAL TRIGONOMETRY | 4.5  | - | 3.0  | MATH011 |   | CAS |
| 1 | 2 | PE022 | PHYSICAL EDUCATION 2: DANCE AND MARTIAL ARTS | - | 2.5  | 1.5  |    |   | CAS |
| 1 | 2 | SS015 | POLITICS, GOVERNANCE AND THE 1987 PHILIPPINE CONSTITUTION | 4.5  | - | 3.0  |   |   | CAS |
|  |  |  | **Total** | **22.5**  | **8.5** | **18.5\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 1 | 3 | CWTS013 | CIVIC WELFARE TRAINING COURSE - II | 3.0 | - | 2.0  | CWTS012 |   | CSRO |
| 1 | 3 | DRAW023L | COMPUTER-AIDED DRAFTING AND DESIGN (LAB) | - | 3.0  | 1.0  | DRAW022W |   | CAS |
| 1 | 3 | ENG013 | ENGLISH FOR ACADEMIC STUDIES 3 | 3.0  | - | 2.0  | ENG012 |   | CAS |
| 1 | 3 | MATH013 | ANALYTIC GEOMETRY | 4.5  | - | 3.0  | MATH012 |   | CAS |
| 1 | 3 | MATH014 | SOLID MENSURATION | 3.0  | - | 2.0  | MATH012 |   | CAS |
| 1 | 3 | MATH021 | CALCULUS 1 | 4.5 | - | 3.0 |  MATH012 | MATH013 | CAS |
| 1 | 3 | PE023 | PHYSICAL EDUCATION 3: INDIVIDUAL/DUAL SPORTS | - | 2.5  | 1.5 |   |   | CAS |
| 1 | 3 | SS013 | ECONOMICS, TAXATION AND AGRARIAN REFORM | 4.5  | - | 3.0  |   |   | CAS |
|  |  |  | **Total** | **22.5**  | **5.5** | **17.5\*** |  |  |  |
|  |  |  |  |  |  | 0.0  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 2 | 1 | CHM021 | GENERAL CHEMISTRY 1 | 3.0  | - | 2.0  |   |   | CAS |
| 2 | 1 | CHM021L | GENERAL CHEMISTRY 1 LABORATORY | - | 3.0  | 1.0  |   | CHM021 | CAS |
| 2 | 1 | FIL011 | FILIPINO 1 | 3.0  | - | 2.0  |   |   | CAS |
| 2 | 1 | HUM014 | PHILIPPINE LITERATURE IN ENGLISH | 4.5  | - | 3.0  |   |   | CAS |
| 2 | 1 | MATH022 | CALCULUS 2 | 4.5 | - | 3.0 | MATH013, MATH021 |  | CAS |
| 2 | 1 | PE024 | PHYSICAL EDUCATION 4: ADVANCED INDIVIDUAL/DUAL SPORTS | - | 2.5  | 1.5 | PE023 |   | CAS |
| 2 | 1 | PHY021 | PHYSICS 1 | 4.5  | - | 3.0  | MATH021 |   | CAS |
| 2 | 1 | PHY021L | PHYSICS 1 (LAB) | - | 3.0  | 1.0  | MATH021 | PHY021 | CAS |
|  |  |  | **Total** | **19.5**  | **8.5**  | **16.5\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 2 | 2 | CHM022 | GENERAL CHEMISTRY 2 | 3.0  | - | 2.0  | CHM021 |   | CAS |
| 2 | 2 | CHM022L | GENERAL CHEMISTRY 2 (LAB) | - | 3.0 | 1.0 | CHM021, CHM021L | CHM022 | CAS |
| 2 | 2 | CS101L | PROGRAMMING FUNDAMENTALS 1 LABORATORY | - | 3.0  | 1.0  |  |   | CIT |
| 2 | 2 | FIL012 | FILIPINO 2 | 3.0  | - | 2.0  | FIL011 |   | CAS |
| 2 | 2 | MATH023 | CALCULUS 3 | 4.5  | - | 3.0  | MATH022 |   | CAS |
| 2 | 2 | PE025 | PHYSICAL EDUCATION 5: TEAM SPORTS | - | 2.5  | 1.5 |   |   | CAS |
| 2 | 2 | PHY022 | PHYSICS 2 | 4.5  | - | 3.0  | MATH022, PHY021 |   | CAS |
| 2 | 2 | PHY022L | PHYSICS 2 (LAB) | - | 3.0 | 1.0 | MATH022, PHY021, PHY021L | PHY022 | CAS |
|  |  |  | **Total** | **15.0**  | **11.5**  | **14.5\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 2 | 3 | CHM023 | GENERAL CHEMISTRY 3 | 3.0  | - | 2.0  | CHM022 |   | CAS |
| 2 | 3 | CHM023L | GENERAL CHEMISTRY 3 LABORATORY | - | 3.0  | 1.0  | CHM022, CHM022L | CHM023 | CAS |
| 2 | 3 | CS102L | PROGRAMMING FUNDAMENTALS 2 (LAB) | - | 3.0  | 1.0  | CS101L |   | CIT |
| 2 | 3 | FIL013 | FILIPINO 3 | 3.0  | - | 2.0  | FIL012 |   | CAS |
| 2 | 3 | MATH025 | DIFFERENTIAL EQUATIONS | 4.5  | - | 3.0  | MATH023 |   | CAS |
| 2 | 3 | PE026 | PHYSICAL EDUCATION 6: ADVANCED TEAM SPORTS | - | 2.5  | 1.5  | PE025 |   | CAS |
| 2 | 3 | PHY023 | PHYSICS 3 | 4.5  | - | 3.0  | PHY022 |   | CAS |
| 2 | 3 | PHY023L | PHYSICS 3 (LAB) | - | 3.0  | 1.0  | PHY022, PHY022L | PHY023 | CAS |
| 2 | 3 | VE012 | VALUES EDUCATION 2 | 1.5  | - | 1.0 | VE011 |   | CAS |
|  |  |  | **Total** | **16.5**  | **11.5**  | **15.5\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 2 | 4 | SS014 | JOSE RIZAL & THE DEVELOPMENT OF FILIPINO NATIONALISM | 4.5 | - | 3.0 |  |  | CAS |
| 2 | 4 | SS017 | SOCIETY, CULTURE & FAMILY LIFE | 4.5 | - | 3.0 |  |  | CAS |
|  |  |  | **Total** | **9.0**  | **0.0**  | **6.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 3 | 1 | EE101 | CIRCUITS 1  | 4.5  | - | 3.0  | MATH025,PHY022 |   | MITL |
| 3 | 1 | EE101L | CIRCUITS 1 (LAB) | - | 4.5  | 1.0  | MATH025, PHY022, PHY022L,  | EE101 | MITL |
| 3 | 1 | MATH110 | PROBABILITY AND STATISTICS | 4.5  | - | 3.0  | MATH011 |   | CAS |
| 3 | 1 | MATH115 | ADVANCED ENGINEERING MATHEMATICS | 4.5  | - | 3.0  | MATH025 |   | MITL |
| 3 | 1 | MEC101 | STATICS OF RIGID BODIES | 4.5  | - | 3.0  | MATH022, PHY022 |   | CAS |
| 3 | 1 | SAF101 | SAFETY MANAGEMENT | 1.5  | - | 1.0  | 3rd Year Standing |   | MITL |
|  |  |  | **Total** | **19.5**  | **4.5** | **14.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 3 | 2 | ECE101  | ELECTRONIC DEVICES AND CIRCUITS | 4.5  | - | 3.0  | EE101, MATH025 |   | MITL |
| 3 | 2 | ECE101L | ELECTRONIC DEVICES AND CIRCUITS (LAB) | - | 4.5  | 1.0  | EE101, EE101L, MATH025 | ECE101  | MITL |
| 3 | 2 | ECE112-1 | ELECTROMAGNETICS | 4.5 | - | 3.0  | MATH022, PHY023, PHY023L,  |   | MITL |
| 3 | 2 | ECE121P | INTRODUCTION TO MATLAB (PAIRED) | 1.5  | 3.0  | 1.0  | 3rd Year Standing |   | MITL |
| 3 | 2 | EE102 | CIRCUITS 2  | 4.5  | - | 3.0  | EE101 |   | MITL |
| 3 | 2 | EE102L | CIRCUITS 2 (LAB) | - | 4.5  | 1.0  | EE101, EE101L | EE102 | MITL |
| 3 | 2 | EE121 | ELECTRICAL ENGINEERING SAFETY | 1.5  | - | 1.0  | SAF101 |   | MITL |
| 3 | 2 | MEC102 | DYNAMICS OF RIGID BODIES | 3.0  | - | 2.0  | MEC101 |   | CAS |
|  |  |  | **Total** | **19.5**  | **12.0**  | **15.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 3 | 3 | BEC198 | BASIC ENGINEERING CORRELATION | - | 3.0 | 1.0 | CHM023, MATH115, PHY023 |  | MITL |
| 3 | 3 | EE103 | CIRCUITS 3 | 3.0  | - | 2.0  | EE102 |   | MITL |
| 3 | 3 | EE103L | CIRCUITS 3 (LAB) | - | 4.5  | 1.0  | EE102, EE102L | EE103 | MITL |
| 3 | 3 | ECE102  | ELECTRONIC CIRCUITS ANALYSIS AND DESIGN | 4.5  | - | 3.0  | ECE101  |   | MITL |
| 3 | 3 | ECE102L | ELECTRONIC CIRCUITS ANALYSIS AND DESIGN (LAB) | - | 4.5  | 1.0  | ECE101, ECE101L | ECE102  | MITL |
| 3 | 3 | MEC103 | MECHANICS OF DEFORMABLE BODIES | 4.5  | - | 3.0  | MEC101 |   | CAS |
| 3 | 3 | ME111 | THERMODYNAMICS 1 | 4.5  | - | 3.0  | MATH023, PHY023 |   | MITL |
| 3 | 3 | VE013 | VALUES EDUCATION 3 | 1.5  | - | 1.0 | VE011 |   | CAS |
|  |  |  | **Total** | **18.0**  | **12.0** | **15.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 3 | 4 | EECO101 | ENGINEERING ECONOMY | 4.5  | - | 3.0  |  |   | MITL |
| 3 | 4 | EMGT101 | ENGINEERING MANAGEMENT | 4.5  | - | 3.0  |  |   | MITL |
| 3 | 4 | MSE101 | FUNDAMENTALS OF MATERIALS SCIENCE AND ENGINEERING | 4.5  | - | 3.0  | CHM023, PHY023 |   | MITL |
|  |  |  | **Total** | **13.5**  | **0.0**  | **9.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 4 | 1 | CE121 | MECHANICS OF FLUIDS | 3.0  | - | 2.0  | MEC102 |   | MITL |
| 4 | 1 | ECE103 | INDUSTRIAL ELECTRONICS  | 4.5  | - | 3.0  | ECE102  |   | MITL |
| 4 | 1 | ECE103L | INDUSTRIAL ELECTRONICS (LAB) | - | 4.5  | 1.0  | ECE102, ECE102L | ECE 105 | MITL |
| 4 | 1 | ECE141 | COMMUNICATIONS 1 | 4.5  | - | 3.0  | ECE102, MATH115 |   | MITL |
| 4 | 1 | ECE141L | COMMUNICATIONS 1 (LAB) | - | 4.5  | 1.0  | ECE102, MATH115 |  ECE141 | MITL |
| 4 | 1 | EE106 | DC MACHINERY | 3.0  | - | 2.0  | EE102 |   | MITL |
| 4 | 1 | EE106L | DC MACHINERY (LAB) | - | 4.5  | 1.0  | EE102,EE102L | EE106 | MITL |
| 4 | 1 | ENG041L | ENGLISH FOR THE WORKPLACE 1  | - | 3.0 | 1.0 | ENG013 |   | CAS |
|  |  |  | **Total** | **15.0**  | **16.5**  | **14.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 4 | 2 | ECE131 | FEEDBACK AND CONTROL SYSTEMS | 4.5 | - | 3.0 | MATH115 |  | MITL |
| 4 | 2 | EE107 | AC MACHINERY | 4.5  | - | 3.0  | EE106 |   | MITL |
| 4 | 2 | EE107L | AC MACHINERY (LAB) | - | 4.5  | 1.0  | EE106, EE106L | EE107 | MITL |
| 4 | 2 | EE122 | AC APPARATUS AND DEVICES | 3.0  | - | 2.0  |   | EE107 | MITL |
| 4 | 2 | EE122L | AC APPARATUS AND DEVICES (LAB) | - | 4.5  | 1.0  |   | EE107, EE122 | MITL |
| 4 | 2 | ENG042L | ENGLISH FOR THE WORKPLACE 2  | - | 3.0  | 1.0 | ENG041L |   | CAS |
| 4 | 2 | RES101P | METHODS OF RESEARCH (PAIRED) | 1.5  | 3.0 | 2.0  | MATH110 |   | MITL |
|  |  |  | **Total** | **13.5**  | **15.0** | **13.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 4 | 3 | EE111 | ILLUMINATION ENGINEERING DESIGN | 3.0  | - | 2.0  | EE107 |   | MITL |
| 4 | 3 | EE111L | ILLUMINATION ENGINEERING DESIGN (LAB) | - | 4.5  | 1.0  | EE107, EE107L | EE111 | MITL |
| 4 | 3 | EE123 | ELECTRICAL EQUIPMENT OPERATION AND MAINTENANCE | 4.5  | - | 3.0  | EE122 |   | MITL |
| 4 | 3 | EE131 | ELECTRICAL TRANSMISSION AND DISTRIBUTION SYSTEM | 4.5  | - | 3.0  | EE107 |  | MITL |
| 4 | 3 | EE131L | ELECTRICAL TRANSMISSION AND DISTRIBUTION SYSTEM (LAB) | - | 4.5  | 1.0  | EE107, EE107L | EE131 | MITL |
| 4 | 3 | EE198 | EE CORRELATION 1 | - | 3.0  | 1.0 | ECE105, ECE112-1, ECE141, EE103, EE107, EE121, EE122, MATH110, ME111 |   | MITL |
| 4 | 3 | EEELEC01P | EE ELECTIVE 1 (PAIRED) | 3.0  | 3.0  | 3.0  |   |   | MITL |
| 4 | 3 | ENG043L | ENGLISH FOR THE WORKPLACE 3  | - | 3.0 | 1.0 | ENG042L |   | CAS |
| 4 | 3 | VE014 | VALUES EDUCATION 4 | 1.5  | - | 1.0  | VE013 |   | CAS |
|  |  |  | **Total** | **16.5**  | **18.0**  | **16.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 4 | 4 | EE199R | EE PRACTICUM | - | 40.0 | 3.0 |  5th Year Standing |   | MITL |
|  |  |  | **Total** | **0.0**  | **40.0**  | **3.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 5 | 1 | ECE132 | INSTRUMENTATION AND CONTROL | 4.5 | - | 2.0  | MATH115 |   | MITL |
| 5 | 1 | ECE132L | INSTRUMENTATION AND CONTROL (LAB) | - | 4.5  | 1.0  | MATH115 | ECE132 | MITL |
| 5 | 1 | EE109 | ELECTRICAL SYSTEM DESIGN | 3.0  | - | 2.0  | EE107 |   | MITL |
| 5 | 1 | EE109L | ELECTRICAL SYSTEM DESIGN (LAB) | - | 4.5  | 1.0  | EE107, EE107L | EE109 | MITL |
| 5 | 1 | EE191F | EE SEMINARS AND FIELD TRIPS (FIELD) | - | 4.5 | 1.0 | 5th Year Standing |  | MITL |
| 5 | 1 | EE200 | EE THESIS 1 | - | 3.0 | 1.0  | RES101P |   | MITL |
| 5 | 1 | EEELEC02P | EE ELECTIVE 2 (PAIRED) | 3.0  | 3.0  | 3.0  |   |   | MITL |
| 5 | 1 | MATH160 | NUMERICAL METHODS | 4.5  | - | 3.0  | MATH025 |   | MITL |
| 5 | 1 | MATH160L | NUMERICAL METHODS (LAB) | - | 4.5  | 1.0  | MATH025 | MATH160  | MITL |
|  |  |  | **Total** | **15.0** | **24.0** | **15.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 5 | 2 | CPE101  | LOGIC CIRCUITS AND SWITCHING THEORY | 4.5  | - | 3.0  | ECE101  |   | MITL |
| 5 | 2 | CPE101L | LOGIC CIRCUITS AND SWITCHING THEORY (LAB) | - | 4.5  | 1.0  | ECE101, ECE101L | CPE101  | MITL |
| 5 | 2 | EE132 | POWER SYSTEM ANALYSIS AND DESIGN | 4.5  | - | 3.0  | EE109 |   | MITL |
| 5 | 2 | EE132L | POWER SYSTEM ANALYSIS AND DESIGN (LAB) | - | 4.5  | 1.0  | EE109, EE109L | EE132 | MITL |
| 5 | 2 | EE133 | POWER PLANT ENGINEERING | 3.0  | - | 2.0  |   | EE132 | MITL |
| 5 | 2 | EE133L | POWER PLANT ENGINEERING (LAB) | - | 4.5  | 1.0  |   | EE132, EE132L, EE133 | MITL |
| 5 | 2 | EE200-1 | EE THESIS 2 | - | 3.0  | 1.0  | EE200 |   | MITL |
| 5 | 2 | EEELEC03P | EE ELECTIVE 3 (PAIRED) | 3.0  | 3.0  | 3.0  |   |   | MITL |
|  |  |  | **Total** | **15.0**  | **19.5** | **15.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Year** | **Term** | **Code** | **Title** | **Lec Hrs** | **Lab Hrs** | **Total Units** | **Prerequisites** | **Co-requisites** | **Servicing College/Dept.** |
| 5 | 3 | CPE103 | MICROPROCESSORS  | 4.5  | - | 3.0  | CPE101  |   | MITL |
| 5 | 3 | CPE103L | MICROPROCESSORS (LAB) | - | 4.5  | 1.0  | CPE101, CPE101L | CPE 103 | MITL |
| 5 | 3 | EE181 | EE LAWS, CODES AND ETHICS | 3.0  | - | 2.0  |  |   | MITL |
| 5 | 3 | EE198-1 | EE CORRELATION 2 | - | 3.0  | 1.0 | CPE101, ECE132, EE111, EE123, EE131, EE132, EE133, EECO101 EMGT101MSE101 |  | MITL |
| 5 | 3 | EE200-2 | EE THESIS 3 | - | 3.0 | 1.0  | EE200-1 |   | MITL |
| 5 | 3 | EEELEC04P | EE ELECTIVE 4 (PAIRED) | 3.0  | 3.0  | 3.0  |   |   | MITL |
| 5 | 3 | EENV101 | ENVIRONMENTAL ENGINEERING | 3.0 | - | 2.0  | CHM023, CHM023L |   | MITL |
| 5 | 3 | IT123 | INFORMATION TECHNOLOGY | 3.0  | - | 2.0  | ECE141 |   | CIT |
| 5 | 3 | IT123L | INFORMATION TECHNOLOGY (LAB) | - | 4.5  | 1.0  | ECE141 | IT123 | CIT |
|  |  |  | **Total** | **16.5**  | **18.0** | **16.0\*** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | *\*PE, NSTP, VE and CORRELATION units are not considered in the computation of TWA and maximum load per term.* |
| **TOTAL NO. OF UNITS: 251.0** |  |  |  |  |  |  |
| **LESS NON-ACADEMIC UNITS: 229.0** |  |  |  |  |  |  |