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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)* |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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\*** |  | |  | |  |
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| **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 EMGT101  MSE101 | |  | | 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** | | | | | |  |  |  |  |  | |  | |