

Course Offering
Semester: Spring 2020
Department: BS Electrical Engineering

| S.# | Code | Course Title | Status | Section | Pre-Req. | Co-Req. | Semester | Remarks |
|-----|----------|--|----------|---------|----------|----------|----------|---|
| 1. | HMEE1023 | English-II (Communication Skills) | English | 1 | HMEE1013 | Nil | 2 | Click here to enter text. |
| 2. | MTEE1033 | Linear Algebra | Required | 1 | MTEE1013 | Nil | 2 | Click here to enter text. |
| 3. | MTEE1043 | Applied Differential Equations | Required | 1 | MTEE1013 | Nil | 2 | Click here to enter text. |
| 4. | CSEE1122 | Computer Programming | Required | 1 | CSEE1101 | CSEE1121 | 2 | Click here to enter text. |
| 5. | CSEE1121 | Computer Programming Lab | Required | 1 | CSEE1111 | CSEE1122 | 2 | Click here to enter text. |
| 6. | EE1213 | Linear Circuit Analysis | Core | 1 | PHEE1013 | EE1211 | 2 | Click here to enter text. |
| 7. | EE1211 | Linear Circuit Analysis Lab | Core | 1 | PHEE1011 | EE1213 | 2 | Click here to enter text. |
| 8. | EE1021 | Workshop Practice | Core | 1 | Nil | Nil | 2 | Click here to enter text. |
| 9. | EE3323 | Microprocessor & Computer Architecture | Core | 2 | EE2313 | EE3321 | 4 | Click here to enter text. |
| 10. | EE3321 | Microprocessor & Computer Arch. Lab | Core | 2 | EE2311 | EE3323 | 4 | Click here to enter text. |
| 11. | EE2413 | Probability and Random Variables | Core | 1 | MTEE1013 | Nil | 4 | Click here to enter text. |
| 12. | EE2613 | Signals & Systems | Core | 1 | MTEE2053 | EE2611 | 4 | Click here to enter text. |
| 13. | EE2611 | Signals & Systems Lab | Core | 2 | MTEE2053 | EE2613 | 4 | Click here to enter text. |
| 14. | EE2233 | Electronics Circuit Design | Core | 1 | EE2223 | EE2231 | 4 | Click here to enter text. |
| 15. | EE2231 | Electronics Circuit Design Lab | Core | 2 | EE 2221 | EE2233 | 4 | Click here to enter text. |
| 16. | MEEE1113 | Applied Thermodynamics | IDEE | 1 | Nil | Nil | 4 | Click here to enter text. |
| 17. | MEEE2023 | Applied Mechanics | IDEE | 1 | Nil | MEEE3021 | 5 | 4 th and 6 th Semester Students |
| 18. | MEEE2021 | Applied Mechanics Lab | IDEE | 1 | Nil | MEEE3023 | 5 | Click here to enter text. |
| 19. | EE2513 | Electromagnetic Fields & Waves | Core | 2 | MTEE1043 | Nil | 6 | 30 each section |

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|-----|----------|--|------------|---------|---|---------|----------|---------------------------|
| 20. | HMEE2033 | Technical Report Writing | English | 1 | Nil | Nil | 6 | Click here to enter text. |
| 21. | HMEE3133 | Professional Ethics | Humanities | 1 | Nil | Nil | 6 | Click here to enter text. |
| 22. | HMEE3063 | Sociology for Engineers | Humanities | 1 | Nil | Nil | 6 | Click here to enter text. |
| 23. | EE3103 | Power Distribution and Utilization | Core | 1 | EE2253 | EE3101 | 6 | Click here to enter text. |
| 24. | EE3101 | Power Distribution and Utilization Lab | Core | 3 | EE2253 | EE3103 | 6 | Click here to enter text. |
| 25. | EE3263 | Instrumentation and Measurements | Core | 1 | EE2233 | EE3261 | 6 | Click here to enter text. |
| 26. | EE3261 | Instrumentation and Measurements Lab | Core | 2 | EE2231 | EE3263 | 6 | Click here to enter text. |
| 27. | EE4912 | Design Project Part I | Core | 1 | 90 Cr. Hrs | Nil | 7 | Click here to enter text. |
| 28. | MGTE4113 | Leadership | M. Elect. | 1 | Nil | Nil | 8 | Click here to enter text. |
| 29. | MGTE4063 | Project Management | M. Elect. | 1 | Nil | Nil | 8 | Click here to enter text. |
| 30. | EE4924 | Design Project Part-II | Core | 1 | EE4912 | Nil | 8 | Click here to enter text. |
| 31. | EE4183 | High Voltage Engineering | Elective | 1 | EE3103 | Nil | 8 | Click here to enter text. |
| 32. | EE4153 | Power System Protection | Elective | 1 | EE3103 | EE4151 | 8 | Click here to enter text. |
| 33. | EE4151 | Power System Protection Lab | Elective | 5 | EE3101 | EE4153 | 8 | Click here to enter text. |
| 34. | EE4293 | Power Electronics | Elective | 1 | Nil | Nil | 8 | Click here to enter text. |
| 35. | EE3333 | Embedded Systems | Elective | 1 | EE2313 | EE3331 | 8 | Click here to enter text. |
| 36. | EE3331 | Embedded Systems Lab | Elective | 1 | EE2311 | EE3333 | 8 | Click here to enter text. |
| 37. | EE4000 | Internship | Core | 1 | 90 Cr. Hrs & with No Registration in Current Semester | Nil | 8 | Click here to enter text. |