NMT Electrical Engineering Critical Path (120 Credit Hours Total)

Projects will be selected as demonstrators of learning objectives for each semester.

Semester 1 (Fall)
- EE 162 Basic Electronics Lab II (1)
- EE 161 Basic Electronics Lab I (1)
- Phys 1310 & L Physics I (5)
- Math 1510 Calc I (4)

Semester 2 (Spring)
- EE 162 Basic Electronics Lab II (1)
- EE 161 Basic Electronics Lab I (1)
- Phys 1320 & L Physics II (5)
- Math 1520 Calc II (4)
- Math 3035 ODE (3)

Semester 3 (Fall)
- EE 211 Circuits (3)
- EE 212 Circuits II (3)
- EE 271 Math Eng (3)

Semester 4 (Spring)
- Math 2532 Calc III (4)
- EE 252 Digital Elec (3)
- EE 212 Circuits II (3)
- EE 271 Math Eng (3)

Semester 5 (Fall)
- EE 3061 Mixed Electronics Lab I (2)
- EE 3053 Analog Elec (3)
- EE 3062 Mixed Electronics Lab II (1)
- EE 3011 Signals & Sys (3)

Semester 6 (Spring)
- Eng Elective (3)
- EE 4032 E & M (3)
- EE 4081 Capstone I (3)
- EE 4072 DSP (4)

Semester 7 (Fall)
- EE 4081 Capstone I (3)
- EE 4082 Capstone II (3)
- Eng Elective (3)
- Eng Elective (3)

Semester 8 (Spring)

Disclaimer: Use this document as only a general idea regarding the flow of the program. Changes may occur and requirements differ by the catalog you are under. Always check the course catalog as it is the ultimate source for the curriculum and its requirements.

Current curriculum layout encourages students to pursue minors with a path to graduate in 4 years. Most suitable minors are:
- Minor in Optical Science & Engineering – requiring only 1 additional credits if courses used for Eng. Electives
- Minor in Mathematics or Minor in Engineering Management – requiring 12 additional credits
- Minor in Environmental Engineering – requiring 9 additional credits

Sample Curriculum Credit Count

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