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)
- Phys 1310 & L Physics I (5)
- Math 1510 Calc I (4)
- Humanities (3)
- Engl 1110 English I (5)

Semester 2 (Spring)
- EE 161 Basic Electronics Lab I (1)
- Phys 1320 & L Physics II (5)
- Math 1520 Calc II (4)
- Fine Arts (3)
- Engl 1120 English II (5)

Semester 3 (Fall)
- EE 211 Circuits (3)
- EE 271 Math Eng (3)
- Math 335 ODE (3)
- Chem 1215 & L Chemistry I (4)
- Social Science (3)

Semester 4 (Spring)
- Math 2532 Calc III (4)
- EE 252 Digital Elec (3)
- EE 212 Circuits II (3)
- Chem 1225 & L Chemistry II (4)
- Humanities (3)

Semester 5 (Fall)
- EE 361 Mixed Electronics Lab I (2)
- EE 351 Analog Elec (3)
- EE 351 Microcontrollers (3)
- Eng Elective (3)
- Eng Elective (3)

Semester 6 (Spring)
- EE 332 E & M (5)
- EE 372 Modeling & Sim (3)
- EE 362 Mixed Electronics Lab II (1)
- Matrs Elective 300 or above (3)
- EE Elective (3)

Semester 7 (Fall)
- EE 481 Capstone I (3)
- EE 482 Capstone II (3)
- EE 411 Stoc Proc & Comm (3)

Semester 8 (Spring)
- EE 472 DSP (4)

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

Semester 1: 16
Semester 2: 16
Semester 3: 16
Semester 4: 17
Semester 5: 14
Semester 6: 13
Semester 7: 15
Semester 8: 13