NMT Electrical Engineering Critical Path (120 Credit Hours Total)

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

prerequisite

corequisite

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

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

Semester 3 (Fall)
- EE 211 Circuits (3)
- EE 271 Math Eng (3)
- Math 335 ODE (3)

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

Semester 5 (Fall)
- EE 3061 Mixed Electronics Lab I (2)
- EE 3053 Analog Elec (3)
- EE 3051 Microcontrollers (3)
- EE 3011 Signals & Sys (3)

Semester 6 (Spring)
- Eng Elective (3)
- EE 3032 E & M (3)
- EE 3072 Modeling & Sim (3)
- EE 3062 Mixed Electronics Lab II (1)
- Math Elective 300 or above (3)

Semester 7 (Fall)
- EE 4031 Electrodynamics (3)
- EE 4081 Capstone I (3)
- Eng Elective (3)
- EE 4011 Stoc Proc & Comm (3)

Semester 8 (Spring)
- EE 4082 Capstone II (3)
- Eng Elective (3)
- EE 4072 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 stuitable 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 Enviromental Engineering – requiring 9 additional credits

Semester 1 (Fall)
- Humanities (3)
- Engl 1110 English (3)

Semester 2 (Spring)
- Fine Arts (3)
- Engl 1120 English (3)

Semester 3 (Fall)
- Chem 1215 & L Chemistry I (4)
- Social Science (3)

Semester 4 (Spring)
- Chem 1225 & L Chemistry II (4)
- Humanities (3)

Semester 5 (Fall)
- Engl 341 Tech Writing (3)

Semester 7 (Fall)
- Humanities or Social Science (3)

Semester 8 (Spring)
- Social Science (3)

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