Electrical Engineering at Michigan Tech

BSEE Suggested 8-semester plan 2011-2012 (calculus-ready students)

Last Update: April 24, 2013

Transition - adjusted 2011-2012

Not required: AY201108

CH1150/51 Communication Theory

Control

MA2160 (4)

EE2111 (3) Electrical Circuits I

Pre Req

MA3160 (4) Multi-Variable Calculus

EE3110 (1) Essential Math

EE1110 (4)

EE2112 (4) Electrical Circuits II & Lab

EE3160 (3) Linear Systems

EE3160 (3) Microcontroller Apps & Lab

EE3171 (4) Electromagnetics

EE3731 (4) Electronics & Lab

EE3901 (2) Design Fund.

EE3910 (2) EE Design 1

EE4901 (2) EE Design 2

Recommended: EE3151 and EE3161

Must have pre-reqs complete. Look up pre-reqs and semester offerings for EE Electives. See note below.

EE Electives: 15 credits of EE courses not listed here and not EE3805, EE4805.

EE3151 and EE3161 recommended. Fall or spring.

Approved Electives: 12 credits with at least 5 cr of approved Math/Science electives. 10 credits required with Enterprise design option.

Approved Engineering Design courses or Enterprise courses may replace EE4901 & EE4910.

Undergraduate advisor: EERC 131. Call 487-2550 to schedule appt. eceadvise@mtu.edu

**TWO SEMESTERS OF A FOREIGN LANGUAGE ALONG WITH THE WORLD CULTURES ACTIVITIES LAB (UN1003) MAY SUBSTITUTE FOR UN1002 + HASS

** UN1002 (4) World Cultures

Recommended HASS elective: EC3400

Remaining Appr. Eng/Sci (1)

Free Elec. (3)

Total 128

plus 3 units co-curricular activities