

Northern Michigan University

C.S. Mott Community College Electronics Engineering Technology, B.S.

This bachelor's degree program provides students with the necessary preparation for positions in industry as engineering technologist. Students choose a concentration in either digital systems or industrial electrical technology. Graduates of the program are employed as field service engineers, application engineers, software engineers and technicians.

C. S. Mott Course #	C. S. Mott Community College Course Title	Credit Hours	NMU Equivalent	NMU Degree Requirements
ENGL 101 or ENGL 103	English Composition or Composition for Technical Fields 1	3	EN 111	Liberal Studies, Div. I, Communication
ENGL 102 or ENGL 104	English Composition or *Composition for Technical Fields 2 (*Preferred course)	3	EN 211 or EN 211D	Liberal Studies, Div. I, Communication
	Select two courses: COMM 233, ENGL 220, ENGL 231, ENGL 241, ENGL 242, HIST 112, HIST 113, HIST 151, HIST 152, HIST 263, PHIL 101, PHIL 165, PHIL 251, PHIL 295, PHIL 297, or SPAN 298	6-8		Liberal Studies, Div. II, Humanities
MATH 130	College Algebra	4	MA 111	Liberal Studies, Div. III, Natural Science/Math & Other Required Courses
	Select CHEM 111/111L or CHEM 123 or CHEM 131/131L	4-5		Liberal Studies, Div. III, Natural Science/Math & Other Required Courses
	Select two courses: ANTH 211, GEOG 142, HIST 154, HIST 155, PSCN 171, PSYC 281, SOCY 191, or SOCY 292	6-7		Liberal Studies, Div. IV, Social Science
MATH 150	Probability and Statistics	4	MA 171	Liberal Studies, Div. V, Formal Comm. Studies & Other Required Courses
	Select one course: ART 111, ART 112, ART 116, ART 215, ENGL 271, FILM 181, FILM 251, MUS 180, MUS 183, MUS 273, or THTR 110	3-4		Liberal Studies, Div. VI, Visual & Performing Arts
	Select any Physical Education activity course	1	HP Credit	Health Promotion
ELEC 135	Basic Linear Electronics	6	ET 210	Major
ELEC 139A	Hard Contact and TTL Device Logic	2	ET 211	Major
ELEC 139B	PLC-Level I	2	ET 311	Major
MATH 140	Trigonometry	3	MA 106	Other Required Courses
MATH 165	Applied Calculus	4	MA 271	Other Required Courses
PHYS 281 and PHYS 281L or PHYS 282 and PHYS 282L	General College Physics I & Lab or General Physics I & Lab	4-5	PH 201 or PH 220	Other Required Courses
	Select courses with assistance from your academic advisor or an NMU transfer admissions counselor.	3-9		General Electives
	Total Credit Hours:	64		

Other Graduation Requirements:

1. Students can fulfill NMU's **World Cultures** requirement by completing one of the following while at Mott Community College: ANTH 211, GEOG 142, HIST 112, HIST 113, MUS 183, or PHIL 251
2. At least one course in the Liberal Studies Program must be at the **300-level or above**. This requirement can be completed before attending the university if the transfer student selects a course that transfers at that level. At Mott Community College, the following courses meet this requirement: ART 215, ENGL 220, ENGL 231, or MUS 183

Note: A maximum of 64 semester credits and an additional 4 semester credits in physical education activity courses may transfer from a two-year community or junior college.

Note: The transfer credit information provided reflects the current evaluation of courses from this college. Changes will occasionally take place at NMU and your college, so the information provided in this guide is subject to change. Students should contact an NMU transfer admissions counselor to keep informed of these changes. Final responsibility for verifying all transfer information lies with the student; a transfer guide is not intended to be a contract with NMU.

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For further information regarding the selection and transfer of courses, contact one of NMU's Transfer Admissions Counselors, at 1-800-682-9797 or transfer@nmu.edu.