

College of Engineering

Bachelor of Science in Electronics Engineering

Associate to Bachelor's (A→B) Articulation Agreement

For more information contact:

Office of Student Services
Metropolitan Community College
Elkhorn Valley Campus
(402) 289-1205
Fort Omaha Campus
(402) 457-2705
South Omaha Campus
(402) 738-4505
Sarpy Center
(402) 537-3800
Fremont Area Center
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Applied Technology Center
(402) 763-5800
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Technology Center
402-533-8400
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University of Nebraska at Omaha
College of Engineering
Computer and Electronics
Engineering Department
Bing Chen
(402) 554-2288
www.unomaha.edu



METROPOLITAN
Community College

UNIVERSITY OF
Nebraska
Lincoln

UNIVERSITY OF
Nebraska
Omaha

Electronics Engineering is a program in the College of Engineering at the University of Nebraska – Lincoln (UNL). The program is offered at the University of Nebraska at Omaha (UNO) campus at the Peter Kiewit Institute. For more information, see the program website <http://www.ceen.unomaha.edu/>

Pre-Electronics Engineering (PEELO) Associate in Science

General Education Requirements..... 27

Communications				Quantitative / Numeracy Skills			
ENGL	1010	English Composition I ^ (ACE-1)	4.5	MATH	1310	Intermediate Algebra ^	4.5
ENGL	1020	English Composition II # (ACE-1)	4.5	Other			
SPCH	1110	Public Speaking # (ACE-2)	4.5	HMRL	1010	Human Relations Skills *	4.5
				INFO	1001	Information Systems & Literacy	4.5

Major Requirements for Pre-Electronics Engineering..... 69

Quantitative / Numeracy Skills / Computer Science 4.5				Social Sciences Select 2 courses (9) to meet MCC requirements. You may choose additional courses to meet UNL ACE requirements. See page 2.			
INFO	1521	Java Programming I #	4.5	ECON	1000	Macroeconomics # (ACE-6 or 8)	4.5
MATH	1420	College Algebra ^	5	ECON	1100	Microeconomics # (ACE-6 or 8)	4.5
Humanities Select 1 course (4.5) to meet MCC requirement. You may choose additional courses to meet UNL ACE requirements. See page 2.				GEOG	1010	Fundamentals of Geography	4.5
ARTS	1110	Art History-Ancient/Gothic #	4.5	GEOG	1050	Intro to Human Geography # (ACE-9)	4.5
ARTS	1120	Art History – Renaissance/Mod. #	4.5	POLS	2050	American Nat. Government # (ACE-6 or 8)	4.5
ENGL	2450	Introduction to Literature # (ACE-5)	4.5	PSYC	1010	Intro to Psychology # (ACE-6 or 8)	4.5
HIST	1010	United States History to 1877 # (ACE-5)	4.5	SOCI	1010	Intro to Sociology # (ACE-6 or 8)	4.5
HIST	1020	U. S. History - 1877 to Present # (ACE-5)	4.5	SOCI	2050	Current Social Problems # (ACE-6 or 9)	4.5
HIST	1110	World Civilization I to 1500 # (ACE-9)	4.5	SOCI	2160	Marriage and the Family # (ACE-6 or 9)	4.5
HIST	1120	World Civilization II # (ACE-9)	4.5	Natural Science / Quantitative / Numeracy Skills 40.5 credit hrs.			
PHIL	1010	Introduction to Philosophy # (ACE-5 or 8)	4.5	MATH	2410	Calculus I # + (ACE-3)	7.5
PHIL	1100	Critical Reasoning	4.5	MATH	2411	Calculus II # (ACE-3)	7.5
PHIL	1030	Professional Ethics # (ACE-8)	4.5	MATH	2412	Calculus III # (ACE-3)	6
THEA	1000	Introduction to the Theatre # (ACE-7)	4.5	MATH	2510	Differential Equations #	4.5
Cultural Studies Select 1 course (4.5) to meet MCC requirement. You may choose additional courses to meet UNL ACE requirements. See page 2.				PHYS	210ABC	General Physics IA,IB,IC# (ACE-4)	7.5
ENGL	2530	Ethnic Literature # (ACE-5 or 9)	4.5	PHYS	211ABC	General Physics IIA,IIB,IIC# (ACE-4)	7.5
				Electives			
HIST	1110	World Civilization I to 1500 # (ACE-9)	4.5	INFO	1003	Intro to Computer Programming ^	5
HIST	1120	World Civilization II # (ACE-9)	4.5	MATH	1430	Trigonometry ^ (ACE-3)	4.5
GEOG	1050	Introduction to Human Geography #	4.5				

Total Required Quarter Hours..... 96

Maximum Transferable Semester Hours to UNO 64 (96 QH)

Credits are listed in Quarter Hours. 4.5 Quarter Hours = 3 Semester Hours.

NOTES

(ACE-X) Course meets UNL ACE requirement. (ACE-X or Y) Course can meet either UNL ACE requirement. Only 1 ACE course in areas 5 through 9 can be applied to UNL's Electronics Engineering program.

* Course is required for MCC's Associate in Science Degree but does not transfer to the College of Engineering program.

** Course is required for MCC's Associate in Science Degree and is transferable to UNO, but is not required for the College of Engineering.

^ Course is not required for the College of Engineering, but is prerequisite to another course. For example, MATH 1310 is not required but is needed to prepare for MATH 1420 and MATH 2410.

Courses transfer to the UNL Electronics Engineering program offered on the UNO campus.

This guide is based on the MCC catalog requirements. For a guide based on the UNL ACE requirements see page 2.

+ Students are encouraged to co-enroll in UNO's CEEN 1030 and CEEN 1060 while completing the transferable courses listed above. Upon transferring to UNO, students will still have three years left to complete the Electronics Engineering program. Contact an advisor at UNO for more details.

Students planning to enroll in Electronics Engineering should discuss their overall program of study with an Electronic Engineering advisor. Please call 554-2288 for an appointment.



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This guide to the Pre-Electronics Engineering (PEELO) transfer degree breaks the degree down by UNL ACE general education requirements.

Pre-Electronics Engineering (PEELO)
Associate in Science

General Education Requirements..... 27

Communications				Quantitative / Numeracy Skills			
ENGL	1010	English Composition I ^	4.5	MATH	1310	Intermediate Algebra ^	4.5
ENGL	1020	English Composition II #	4.5	Other			
SPCH	1110	Public Speaking #	4.5	HMRL	1010	Human Relations Skills *	4.5
				INFO	1001	Information Systems & Literacy	4.5

Major Requirements for Pre-Electronics Engineering..... 69

Quantitative / Numeracy Skills / Computer Science				ACE SLO 7 Elective Select 1 course			
INFO	1521	Java Programming I #	4.5	ARTS	1110	Art History-Ancient/Gothic #	4.5
MATH	1420	College Algebra ^	5	ARTS	1120	Art History – Renaissance/Mod. #	4.5
ACE SLO 5 Elective Select 1 course				MUSC	1010	Introduction to Music #	4.5
ENGL	2450	Intro. To Literature #	4.5	MUSC	1050	Music Appreciation #	4.5
ENGL	2530	Ethnic Literature # (ACE-5 or 9)	4.5	THEA	1000	Introduction to Theatre #	4.5
HIST	1010	US History to 1877 #	4.5	ACE SLO 8 Elective Select 1 course			
HIST	1020	US History 1877 to Present #	4.5	ECON	1100	Microeconomics # (ACE-6 or 8)	4.5
PHIL	1010	Introduction to Philosophy #	4.5	ECON	1000	Macroeconomics #	4.5
PHIL	2030	Introduction to Ethics #	4.5	PHIL	1030	Professional Ethics #	4.5
ACE SLO 6 Elective Select 1 course				POLS	2050	American National Government #	4.5
CRIM	1010	Introduction to Criminal Justice #	4.5	ACE SLO 9 Elective Select 1 course			
ECON	1100	Microeconomics #	4.5	ECON	2720	International Economics #	4.5
ECON	1000	Macroeconomics #	4.5	GEOG	1050	Introduction to Human Geography #	4.5
POLS	2050	American National Government	4.5	GEOG	2150	World Regional Geography #	4.5
PSYC	1010	Introduction to Psychology #	4.5	HIST	1110	World Civilization Prehistory to 1500 #	4.5
PSYC	1120	Human Growth/ Development #	4.5	HIST	1120	World Civilization II #	4.5
PSYC	1030	Cognitive Development #	4.5	PHIL	2200	Introduction to Comparative Religion #	4.5
SOCI	1010	Introduction to Sociology #	4.5				
SOCI	1250	Introduction to Anthropology #	4.5				
Natural Science / Quantitative / Numeracy Skills				Electives			
MATH	2410	Calculus I # +	7.5	INFO	1003	Intro to Computer Programming #^	5
MATH	2411	Calculus II #	7.5	MATH	1430	Trigonometry #^	4.5
MATH	2412	Calculus III #	6				
MATH	2510	Differential Equations #	4.5				
PHYS	210ABC	General Physics IA, IB, IC #	7.5				
PHYS	211ABC	General Physics IIA, IIB, IIC #	7.5				

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