

Liberal Arts Associate in Science (LATAS)

Transfer Guide – Pre-Construction Engineering concentration

This degree strengthens foundation skills, provides broad understanding, and develops reasoning skills as students prepare for advanced studies in a natural sciences, mathematics, or science-dependent program. By taking the suggested courses below, students are able to transfer into a baccalaureate degree program at a four-year college upon completion of the associate degree. Each transfer institution publishes requirements for admission, general education, and major concentration areas. **Students should consult with the institution they plan to transfer to and their MCC Advisor for courses that best fit their intended plan of study.** For Students planning to transfer to UNO/UNL College of Engineering the below information can also be viewed on Transferology.com under UNO/UNL Pathways. For more information on accessing that please contact the MCC Transfer Center.

Total credit hours – 93.0

General Ed. Requirements – Pre-Construction Engineering concentration suggested courses (51.5)

Communication			13.5	Quantitative/Numeracy Skills		9.5
ENGL 1010	English Composition II	4.5		MATH 1425	Pre-Calculus Algebra*	5.0
ENGL 1020	English Composition II	4.5		MATH 1430	Trigonometry	4.5
SPCH 1110	Public Speaking	4.5		*Additional Prerequisites may be required		
Critical Thinking/Creativity & Social/Cultural Awareness			13.5	Professionalism/Life Skills & Information Literacy		4.5
3 courses needed-				1 Course Needed - Select one of the following:		
Select at least 1 from Social Science Transfer Course Options & 1 from Humanities Transfer Course Options *See your advisor or transferring institution for course recommendations				HMRL 1010	Human Relations Skills	4.5
				INFO 1001	Info. Systems & Literacy	4.5
				EXPL 1000	Exploratory Studies	4.5
Scientific Inquiry – 2 courses needed			10.5			
CHEM 1210 & CHEM 1211 OR CHEM 1212	General Chemistry I & II or General Chemistry Accelerated	6.0				
ENGR 2010	Elements of Electrical Engineering I	4.5				

Cultural Studies (4.5) – Select 1 of the following courses						4.5
ENGL 2530	Ethnic Literature	4.5		HIST 1120	World Civ. from 1500 to Present	4.5
GEOG 1020	World Regional Geography	4.5		PHIL 2200	Intro. to Comparative Religion	4.5
HIST 1070	Traditional & Modern China	4.5		SOCI 1100	Native American Studies	4.5
HIST 1080	Traditional & Modern Japan	4.5		SOCI 1250	Intro. To Anthropology	4.5
HIST 1110	World Civ. from Prehistory to 1500	4.5		SOCI 2160	Marital & Family Relationships	4.5

Suggested Major & Elective Courses – Pre-Construction Engineering concentration (37.0)

MATH 2410	Analytic Geometry & Calculus I	7.5		PHYS 210ABC	General Physics IA, IB, IC	7.5
MATH 2411	Calculus II	7.5		PHYS 211ABC	General Physics IIA, IIB, IIC	7.5
MATH 2412	Calculus III	6.0		Elective*	At least 1.0 credit hours	1.0

Every effort has been made to provide accurate information on suggested courses, however it is the student's responsibility to consult with the institution they are planning to transfer to ensure courses fit into their intended plan of study. For additional information on course by course equivalencies please contact the MCC Transfer Center.