

# PRE-ENGINEERING TRANSFER PROGRAM

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In this program, students transfer to an engineering school (University of Detroit, University of Illinois, Marquette University, University of Notre Dame, etc.) at the end of the sophomore year and earn a degree from the engineering school after two additional years of work.

Students are normally required to successfully complete 60 semester credit hours of coursework before an engineering school will allow them to transfer into one of its programs. For most engineering programs, these 60 semester credit hours would include the following courses:

Code	Title	Hours
PHYS 2205	University Physics I Laboratory	1
PHYS 2206	University Physics II Laboratory	1
PHYS 2207	University Physics III Laboratory	1
PHYS 2211	University Physics I	3
PHYS 2212	University Physics II	3
PHYS 2213	University Physics III	3
PHYS 3214	Modern Physics	3
MATH 2210	Calculus I	4
or MATH 1170 & MATH 2200	Introduction to Calculus I and Applications of Calculus I	
MATH 2211	Calculus II	4
MATH 2212	Calculus III	4
MATH 2260	Differential Equations	4
CHEM 1127	Honors General Chemistry	4
or CHEM 1113 & CHEM 1123	General Chemistry I and General Chemistry II	
CHEM 1114	General Chemistry I Laboratory	1
or CHEM 1115	Honors General Chemistry I Laboratory	
CHEM 1124	General Chemistry II Laboratory	1
or CHEM 1125	Honors General Chemistry II Laboratory	
ENGR 1100	Introduction to the Engineering Profession	1
ENGR 1120	Engineering Graphics	2
ENGR 2220	Statics	3
ENGR 3221	Dynamics	3
ENGR 3264	Electronics	3
CMSC 2200	Computer Programming	3
WRIT 1102	Research Writing	3
Social Science electives		6
<b>Total Hours</b>		<b>61</b>