

Copiah-Lincoln Community College

ACADEMIC MAP: PRE-ENGINEERING

FRESHMAN YEAR

First Semester	Sem Hrs.	Second Semester	Sem Hrs.
ENG 1113 English Composition I	3	ENG 1123 English Composition II	3
CHE 1213 General Chemistry I	3	CHE 1223 General Chemistry II	3
CHE 1211 General Chemistry I Lab	1	CHE 1221 General Chemistry II Lab	1
CSC 1213 Visual Basic Computer Programming I	3	PHY 2313 Engineering Physics I	3
MAT1613 Calculus I	3	MAT 1623 Calculus II	3
EGR 1113 Intro to Engineering	3	ART 1113 or MUS 1113 or SPT 2233	<u>3</u>
LLS 1311 Orientation	<u>1</u>		16
	17		

SOPHOMORE YEAR

First Semester	Sem Hrs.	Second Semester	Sem Hrs.
MAT2613 Calculus III	3	MAT 2623 Calculus IV	3
MAT 2113 Introduction to Linear Algebra	3	MAT 2913 Differential Equations	3
PSY 1513 or ECO 2113	3	SOC 2113 or ECO2123	3
EGR 2423 Engineering Mechanics I	3	EGR 2433 Engineering Mechanics II	3
PHY 2323 Engineering Physics II	3	SPT 1113 Public Speaking I	3
HIS 1163 World Civilization I	<u>3</u>	HIS 1173 World Civilization II	<u>3</u>
	18		18

TOTAL HOURS: 69

Please consult the curriculum from the catalog of the university to which you plan to transfer for specific courses that can be taken at Co-Lin.

Acceptance of community college work is limited to one-half of the total degree hour requirement for graduation in a given curriculum.

- *BE also need CSC1613 and CHE2424*
- *CE do not need PHY2323, MAT2113, or CSC1213*
- *AE do not need CHE1223 or CSC1213, but need PHY2333*
- *CHE do not need CSC1213 or EGR2433 but need CHE2424 and CHE2434*
- *CPE do not need CHE1223, EGR2423, or EGR2433, but need CSC1613 and CSC2134*
- *EE do not need CHE1223 or EGR2433, but need CSC1613 and CSC2134*
- *IE do not need CSC1213, CHE1221LAB or EGR2433 also can take MAT2913 or PHY2333*
- *ME also need CSC1613 and PHY2333*
- *PE do not need CSC1213, EGR2423 or MAT2113*
- *SE do not need CHE1223, MAT2113, EGR2423, or EGR2433 but need CSC1613, CSC2134, and CSC2144*

BE = Biological Engineering

CE = Civil Engineering

AE = Aerospace Engineering

CHE = Chemical Engineering

CPE = Computer Engineering

EE = Electrical Engineering

IE = Industrial Engineering

ME = Mechanical Engineering

PE = Petroleum Engineering

SE = Software Engineering