

HOPKINSVILLE COMMUNITY COLLEGE

ASSOCIATE IN SCIENCE

PRE-ENGINEERING PROGRAM

THE PRE-ENGINEERING PROGRAM (PEP) IS DESIGNED TO ALLOW STUDENTS TO COMPLETE PREREQUISITE COURSES FOR ADMISSION INTO SCHOOLS OF ENGINEERING WHILE EARNING AN ASSOCIATE IN SCIENCE DEGREE FROM HCC.

THE FOLLOWING OUTLINE IS A SUGGESTED COURSE OF STUDY TO COMPLETE THE DEGREE REQUIREMENTS WITHIN TWO YEARS. THIS CURRICULUM ASSUMES STUDENTS ENTER WITH ACTE ENGLISH, READING, AND MATHEMATICS SUB-SCORES OF AT LEAST 18, 20, AND 27, RESPECTIVELY.

FIRST YEAR

<u>FALL</u>		<u>SPRING</u>	
ENG 101	3	ENG 102	3
CIT 105	3	COM 181	3
CHE 170,175	5	CHE 180	3
*%ARTS AND HUMANITIES	<u>3</u>	MAT 174	4
		*SOCIAL AND BEHAVIORAL SCIENCE	<u>3</u>
TOTAL	14		16

SECOND YEAR

<u>FALL</u>		<u>SPRING</u>	
PHY 231,241	5	PHY 232,242	5
MAT 184	4	MAT 275	4
CAD 100	3	MAT 285	3
*%ARTS AND HUMANITIES	<u>3</u>	*SOCIAL AND BEHAVIORAL SCIENCE	<u>3</u>
TOTAL	15		15

*At least one of these courses needs to be taken from the Cultural Studies list.

%One course must be chosen from each of the humanities and heritage sublists.

Additional courses may be required depending on the engineering field of study and school of choice. These courses include: BIO 150, 151, 152, and 153; CHE 183, 185, 270, 275, 280, 285; ECO 201.