

ENGINEERING A.S. DEGREE (AS.ENGR)

The program listed below is a good basic program for those who have not yet made their choice of an engineering college. Additional courses in the fields of engineering specialization and in general physics are advised to achieve junior status in the transfer college of choice. To ensure that the appropriate transfer courses are taken, students should discuss course sequence with a faculty advisor in the Engineering Studies Department during the first semester of study.

FIRST SEMESTER

_____	ENGL 151	English I	3 sh
_____	CHEM 181	General Chemistry I	4 sh
_____	MATH 265	Calculus I	4 sh
_____	ENGR 181	Graphics for Engineers I	2 sh
_____	PHYS 281	General Physics I	<u>4 sh</u>
			17 sh

SECOND SEMESTER

_____	ENGL 152	English II	3 sh
_____	CHEM 182	General Chemistry II	4 sh
_____	MATH 266	Calculus II	4 sh
_____	ENGR 124	Engineering Analysis	3 sh
_____	PHYS 282	General Physics II	<u>4 sh</u>
			18 sh

THIRD SEMESTER

_____	MATH 267	Calculus III	4 sh
_____	ENGR 221	Engineering Statics	3 sh
_____	HEHP 110	Applied Modern Health 1	
	OR	-----	2-3
_____	HEHP 225	Contemporary Health	
_____		Humanities elective	3 sh
_____	PHYS 283	General Physics III	<u>4 sh</u>
			16-17 s.h.

FOURTH SEMESTER

_____	MATH 280	Differential Equations	3 sh
_____	ENGR 222	Engineering Dynamics	3 sh
_____		Humanities elective	3 sh
_____		Social Science Electives	<u>6 sh</u>
			15 sh

TOTAL 66-67 CREDITS