COLLIN COLLEGE CURRICULUM OUTLINE

Electrical Engineering

AS – Electrical Engineering Field of Study

FIRST YEAR							
First Sem			Lec		<u>Ext</u>	Cont	<u>Credit</u>
COSC	1420 C Programming		4	0	0	64	4
ENGL	1301 Composition I		3	1	0	64	3
GEN ED	Creative Arts Component		3	0	0	48	3
HIST	1301 United States History I		3	0	0	48	3
MATH	2413 Calculus I ¹	Total Hours	3	3	0	96	4
		Total Hours	16	4	0	320	17
Second Semester			Lec	Lab	Ext	Cont	Credit
ENGL	2311 Technical and Business Writing		3	0	0	48	3
HIST	1302 United States History II		3	0	0	48	3
MATH	2414 Calculus II		3	3	0	96	4
PHYS	2425 University Physics I		3	3	0	96	4
		Total Hours	12	6	0	288	14
SECOND YEAR							
First Semester			Lec	Lab	Ext	Cont	Credit
ENGR	1201 Introduction to Engineering		1	3	0	64	2
GOVT	2305 Federal Government (Federal constitution and topics)		3	0	Õ	48	3
MATH	2415 Calculus III		3	3	0	96	4
PHYS	2426 University Physics II		3	3	0	96	4
		Total Hours	10	9	0	304	13
Second Semester				Lab	<u>Ext</u>	<u>Cont</u>	<u>Credit</u>
ENGR	2105 Electric Circuits I Laboratory		0	3	0	48	1
ENGR	2305 Electric Circuits I		3	0	0	48	3
GEN ED	Language, Philosophy & Culture		3	0	0	48	3
GEN ED	Social and Behavioral Sciences		3	0	0	48	3
GOVT	2306 Texas Government (Texas constitution and topics)		3	0	0	48	3
MATH	2320 Differential Equations		3	1	0	64	3
		Total Hours	15	4	0	304	16
GRAND TOTAL HOURS					1216	60	

1. Students should consult with an academic advisor since one or more mathematics courses may be required before enrolling in MATH 2413.