

## CME COMMUNICATIONS | NETWORKING TRACKS STUDY PLAN

YEAR 1			SEMESTER 1			SEMESTER 2		
COURSE #	TITLE	CRS	COURSE #	TITLE	CRS	COURSE #	TITLE	CRS
CS 101	COMPUTER PROGRAMMING I	4	CS 102	COMPUTER PROGRAMMING II	3			
MATH 111	CALCULUS I	3	MATH 113	CALCULUS II	3			
PHY 105	PHYSICS I	4	PHY 205	PHYSICS II	4			
ENG 101	INTENSIVE ENGLISH WRITING	3	BUS 101	INTRODUCTION TO BUSINESS	3			
ISC 101	ISLAMIC ETHICS	2	COM 201	COMMUNICATIONS SKILLS	3			
ARAB 101	ARABIC WRITING I	2	ARAB 103	ARAB WRITING II	2			
TOTAL		18	TOTAL		18			

YEAR 2			SEMESTER 1			SEMESTER 2		
COURSE #	TITLE	CRS	COURSE #	TITLE	CRS	COURSE #	TITLE	CRS
CME 111	LOGIC DESIGN FUNDAMENTALS	4	CME 211	COMMUNICATIONS EMBEDDED SYSTEMS	3			
CME 112	ELECTRIC CIRCUIT AND ELECTRONICS	4	CME 242	COMMUNICATIONS ENGINEERING FUNDAMENTALS	4			
CME 241	SIGNALS AND SYSTEMS	3	CME 243	ELECTROMAGNETICS I	3			
MATH 215	ENGINEERING MATHEMATICS	3	MATH 225	DIFFERENTIAL EQUATIONS	3			
ENG 301	ENGLISH TECHNICAL WRITING	3	STAT 101	INTRODUCTION TO STATISTICS AND PROBABILITY	3			
ARAB 203	ARAB WRITING III	2	ISC 103	ISLAMIC ECONOMIC SYSTEM	2			
TOTAL		19	TOTAL		18			

YEAR 3			SEMESTER 1			CO-OP OPTION			SEMESTER 2		
COURSE #	TITLE	CRS	COURSE #	TITLE	CRS	COURSE #	TITLE	CRS	COURSE #	TITLE	CRS
CME 321	NETWORKING PRINCIPLES, PROTOCOLS & ARCH.	4	CME 322	NETWORK ANALYSIS AND DESIGN	3						
CME 341	ELECTROMAGNETICS II	3	CME 344	ANTENNA AND PROPAGATION	3						
CME 342	COMMUNICATIONS THEORY	3	CME XXX	ELECTIVE I	3						
CME 343	COMMUNICATIONS SYSTEMS I	3	EM 326	PROJECT MANAGEMENT	3						
CS 210	DATA STRUCTURES AND ALGORITHMS	3	ETHC 305	ETHICAL AND SOCIAL ASPECTS OF ENGINEERING	2						
ISC 105	HOLY QURAN SCIENCES	2	MATH 221	NUMERICAL ANALYSIS	3						
			ISC 203	NEW FINANCIAL TRANSACTIONS	2						
TOTAL		18	TOTAL		19						

YEAR 4		SEMESTER 1	CO-OP OPTION	SEMESTER 2	
COURSE #	TITLE	CRS	COURSE #	TITLE	CRS
CME 492	CO-OP IN COMMUNICATIONS ENGINEERING	10	CME 421	INTERNET ENGINEERING AND WEB PROGRAMMING	3
	(CONTINUATION FROM SUMMER BEFORE)		CME 441	COMMUNICATIONS SYSTEMS II	3
			CME 442	INFORMATION AND CODING THEORY	3
			CME XXX	ELECTIVE II	3
			CME XXX	ELECTIVE III	3
			PSY 101	INTRODUCTION TO PSYCHOLOGY	3
TOTAL		10	TOTAL		18



## CME INTERNSHIP OPTION 3<sup>RD</sup> SUMMER - 4<sup>TH</sup> YEAR

YEAR 3			SEMESTER 1			SEMESTER 2		
COURSE #	TITLE	CRS	COURSE #	TITLE	CRS			
CME 321	NETWORKING PRINCIPLES, PROTOCOLS & ARCH.	4	CME 322	NETWORK ANALYSIS AND DESIGN	3			
CME 341	ELECTROMAGNETIC II	3	CME 344	ANTENNA AND PROPAGATION	3			
CME 342	COMMUNICATIONS THEORY	3	EM 326	PROJECT MANAGEMENT	3			
CME 343	COMMUNICATIONS SYSTEMS I	3	ETHC 305	ETHICAL AND SOCIAL ASPECTS OF ENGINEERING	2			
CS 210	DATA STRUCTURE AND ALGORITHMS	3	MATH 221	NUMERICAL ANALYSIS	3			
ISC 105	HOLY QURAN SCIENCES	2	ISC 203	NEW FINANCIAL TRANSACTIONS	2			
TOTAL		18	TOTAL		16			

YEAR 3 SEMESTER 3 [SUMMER] INTERNSHIP OPTION		
COURSE #	TITLE	CRS
CME 490	CME INTERNSHIP	3
TOTAL		3

YEAR 4		SEMESTER 1		INTERNSHIP OPTION		SEMESTER 2	
COURSE #	TITLE	CRS	COURSE #	TITLE	CRS		
CME 421	INTERNET ENGINEERING AND WEB PROGRAMMING	3	CME 442	INFORMATION AND CODING THEORY	3		
CME 441	COMMUNICATIONS SYSTEMS II	3	CME 499	SENIOR PROJECT II	3		
CME 498	SENIOR PROJECT I	1	CME XXX	TRACK ELECTIVE III	3		
CME XXX	TRACK ELECTIVE I	3	CME XXX	TRACK ELECTIVE IV	3		
CME XXX	TRACK ELECTIVE II	3					
PSY 101	INTRODUCTION TO PSYCHOLOGY	3					
TOTAL		16	TOTAL		12		