CURRICULUM MAP FOR CPE

A. An ability to apply knowledge of Mathematics, Physical Sciences and Engineering Sciences to the practice of Computer Engineering
B. An ability to design and conduct experiments as well as to analyse and interpret data
C. An ability to design, build, improve and install systems or processes which meet desired needs within realistic constraints
D. An ability to work effectively in multidisciplinary and multicultural teams
E. An ability to identify, formulate and solve computer engineering problems
F. An understanding of professional and ethical responsibilities
G. An ability to communicate effectively in verbal and non-verbal communication
H. A broad education necessary to understand impact of engineering solutions in a global/societal context
I. An ability to engage in in life-long learning and an acceptance of the need to keep current of the development in the specific field of specialization
J. Knowledge of contemporary issues
K. An ability to use the appropriate techniques, skills and modern engineering tools necessary for computer engineering practice to be locally and globally competitive

LEGEND

I- An introductory course to an outcome
E- A course that strengthens the outcome
D- A course demonstrating the outcome
Blank if no relation

COURSE TITLE 1st YEAR 1ST SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
DRA 111-3	I										
ENG 103-3							I				
FCL 103-3						I					
MAT 100-3	I										
MAT104-3	I										
NSTP 100-3								I			
PE 100-3				I							

PSY 100-3								I			

COURSE TITLE 1ST YEAR 2ND SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CHEM 103-3	I										
CHEM 103L-3	I	I									
COMP001L-3					I						
ENG203-3							I				
FCL203-3						I					
MAT 002-3	I										
MAT 301-3	I										
MAT 400-3	I										
NSTP 200-3								I			
PE200-3				I							

COURSE TITLE 2ND YEAR 1ST SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
DRAW 112-3	I										
ENG 300-3							I				
FCL303-3						I					
FIL 103-3								I			
MAT 402A-3	I										
PE 300-3				I							
PHY 111-3	I										
PHY 111L-3		I									
SOC 301-3											

								I			

COURSE TITLE 2ND YEAR 2ND SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 220L-3					I						
DRAW 223-3	I										
ENG 401-3							I				
FCL 403-3						I					
FIL 204-3								I			
MAT 504-3	I										
MECH 223-3	I										
PE 400-3				I							
PHY 211-3	I										
PHY211L-3		I									

COURSE TITLE 3RD YEAR 1ST SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 324-3					E						
CPE324L-3		E			E						
ECE 313-3	E										
ECE 313L-3		E									
EE 311-3	E										
EE 311L-3		E									
HUM 300-3								E			
MAT 600-3	E										
MECH 312-3	E										
MECH 321-3	E										

COURSE TITLE 3RD YEAR 2ND SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 414-3					E						
CPE 414L-3		E			E						E
ECE 323-3	E										
ECE 323L-3	E	E									
EE 321-3	E										
EE 321L-3	E	E									
MAT 305-3	E										
MAT 321-3	E										
MAT 322-3	E										
ME 311-3	E										

COURSE TITLE 4TH YEAR 1ST SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 411-3					E						
CPE 411L-3		E									
CPE 413-3					E						
ECE 343-3	E										
ECE 343L-3		E									
ECE414-3	E										
EE 453-3	E										
EE453L-3		E									
EECO003-3	E										
GE 412-3						E					

COURSE TITLE 4TH YEAR 2ND SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 421-3					E						
CPE 421L-3		E			E						
CPE423-3					E						
CPE423L-3		E									
CPE424-3					E						
CPE424L-3		E									
CPE434-3					E						
CPE 434L-3		E									
CPE463-3					E						
CPE463L-3		E									
ECE526-3	E										

COURSE TITLE 4TH YEAR SUMMER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 512-3											D

COURSE TITLE 5TH YEAR 1ST SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 516-3					D						
CPE 517-3					D						
CPE517L-3		D			D						
CPE 518-3					D						
CPE 522-3					D						
CPE 522L-3		D			D						
CPE 531-3					D						

	A	B	C	D	E	F	G	H	I	J	K
CP 531L-3			D		D						
ECE 592-3											D
ENG 602-3							D				
GE 422-3								D		D	
SOC 500-3								E			

COURSE TITLE 5TH YEAR 2ND SEMESTER	PROGRAM OUTCOMES										
	A	B	C	D	E	F	G	H	I	J	K
CPE 511-3											D
CPE 521-3											D
CPE 527-3								D			
CPE 528-3						D					
CPE 529-3											D
CPE 530-3											D
ECE 525-3											D
EMAN 003-3									D		
SOC 100A-3							D				
SOC 300-3							D				
SOC 605-3							D				
SOC 700-3							D				