Computer Engineering Curriculum Map	**(a) Apply math/science engineering**	**(b) Design/conduct experiments.**	**(c) Design system/ component/process**	**(d) Function on multidisciplinary**	**(e) Solve engineering problems**	**(f) Understand Professional/ ethical**	**(g) Communicate**	**(h) Understand global/ societal context**	**(i) Recognize life-long learning**	**(j) Know contemporary issues**	**(k) Use engineering techniques/skills/tools**
PROGRAM INPUTS											
1. Core Courses	✓				✓						
2. Senior Capstone Design			✓	✓	✓	✓	✓	✓	✓	✓	✓
3. Industry-Based Projects			✓		✓	✓	✓	✓		✓	✓
6. General Education Courses						✓	✓	✓	✓		
7. Laboratories		✓									✓
8. Faculty	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9. Professional Societies/Co-op			✓	✓	✓	✓	✓	✓	✓	✓	✓
COURSES IN CURRICULUM											
General Education						✓	✓	✓			
Mathematics	✓	✓									
Basic Sciences	✓										
Engineering Core											
ENGR 1011 Engr.: An Intro.		I			I	I	I	I	I	I	I
ENGR 1420 Engineering Graphics	I				I						
ENGR 2010 Electric Circuit Theory I	D										I
ENGR 2060 Materials Science	D				D						
INDE 3101 Statics and Dynamics	D										
INDE 3140 Engineering Economy				D	D			D			
STAT 3601 Stat & Prob for Engrs I	M	M									

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Lower Division Software Course Requirements											
CS 1160 Intro. to CS I	I										
CS 2360 Intro. to CS II	I		I								
CS 2370 Intro. To CS III	I		I								
CS 2430 Comp Org & Assembly Language Programming	D		I		I						I
Upper Division Engineering Requirements											
CMPE 3010 Electric Circuit Theory II	D		D		D	D					
CS 3240 Data Struc & Algorithms	D	D	D		D						
CS 3430 Computer Architecture	D		D	D	D						D
CMPE 3432 Digital Design Lab.	D	D	D		D		D				D
CMPE 3434 Microprocessor Lab.	D	D	D		D		D		D	I	D
CMPE 3752 Intro. To Digital Signal Processing	M				M						D
CMPE 4432 VLSI Circuit Design	M		M		M						M
CMPE 4435 Computer Arch II	M		M	M	M		D			D	M
CS 4560 Operating Systems	M		M		M						
CMPE 4610 Senior Design I	M	M	M	M	M	M	M	M	M	M	M
CMPE 4620 Senior Design II	M	M	M	M	M	M	M	M	M	M	M