BACHELOR OF SCIENCE IN COMPUTER ENGINEERING AN OMAHA CAMPUS PROGRAM OF THE COLLEGE OF ENGINEERING

Effective for Students Entering 2010-2011

Date Entered C	EEN	Advisor				
Transfer from						
COURSE		SUBSTITUTE COURSE	CR	GRADE		
Mathematics &	Science					
MATH 1950	Calculus I		5			
MATH 1960	Calculus II		5			
MATH 1970	Calculus III		4			
MATH 2350	Differential Equations		3			
MATH 2050	Linear Algebra		3			
STAT 3800	Applied Engr Prob & Stat		3			
PHYS 2110	Physics I		4			
PHYS 2120	Physics II		4			
PHYS 1154	Physics I Lab		- 1			
	Hours Required	32				
COMPUTER SC	CIENCE					
CIST 1400	Intro to Computer Prog		3			
CSCI 1620	Intro to Computer Science II		3			
CSCI 3320	Data Structures		3			
CSCI 4500	Operating Systems		3			
	Hours Required	12				
COMMUNICAT						
ENGL 1160	English Comp II					
ENGL 3980	Technical Writing		3			
SPCH 1110	Speech		3			
	Hours Required	9				
Soc-Behavioral S	sciences (Min 8 hrs: Universit	y Gen Ed Requirement)				
	e Arts (Minimum 8 hrs: Univ		2			
ENGR 4690	Tech, Science and Civ (Cultu	ral Diversity)	3			
	bove which meets US					
	Minority Groups (Required by CENG from both	Categories 18	_)			

Core Courses CEEN Fund	COURSE			SUBSTITUTE (COURSE	CR GRAD
CEEN 1060 Microprocessor Applications 4						
CEEN 2130 Electrical Circuits I 4						
CEEN 2184 Electronic Circuits Lab I						
CEEN 2220 Electronic Circuits				•		
CEEN 2250 Seminar						4
CEEN 3100 Digital Design & Interfacing			Circuits 1			
CEEN 3280			ion & Interfacing			
Applied Fields						$\frac{}{4}$
CEEN 3130 Switching Circuit Theory 4						2
CEEN 4360 Embedded Ucontroller Dsgn	CEEN 3130					
CEEN 4960 Senior Thesis Proposal CEEN 4990 Senior Thesis Hours Required 45 Selectives Specified Technical Electives (At least 8 hours must be CEEN courses) Minimum Hours Required 11 Free Electives (Cannot be lower than an entry level required course, remedial, or duplicate the content of and course) Maximum Hours Allowed 6 Area Hours Req Actual Hrs In-progress Hrs Incomplete Hrs Projected Hrs Sem						<u>4</u>
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Maximum Hours Allowed 6 Area Hours Req Actual Hrs In-progress Hrs Incomplete Hrs Sem Math/Science 32 Sem Computer Sci 12 Sem Comm Skills 9 Sem Hum/Soc 18 Sem CEEN Core 45 Section Section Seed section of the section of						
Area Hours Req Actual Hrs In-progress Hrs Incomplete Hrs Projected Hrs Sem						
Math/Science 32 Computer Sci 12 Comm Skills 9 Hum/Soc 18 CEEN Core 45 Cech Electives 11 Gree Electives 6		Maximum	Hours Allowed	6		
Math/Science 32	rea	Hours Req	Actual Hrs	In-progress Hrs	Incomplete Hrs	Projected Hrs
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Comm Skills 9 Jum/Soc 18 CEEN Core 45 Cech Electives 11 Gree Electives 6	fath/Science	32				
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Cech Electives 11 Gree Electives 6						
Free Electives 6		_				
						
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