

**BACHELOR OF SCIENCE IN COMPUTER ENGINEERING  
 AN OMAHA CAMPUS PROGRAM OF THE  
 COLLEGE OF ENGINEERING  
 Effective for Students Entering 2010-2011**

Name & ID # \_\_\_\_\_

Date Entered CEEN \_\_\_\_\_ Advisor \_\_\_\_\_

Transfer from \_\_\_\_\_

<u>COURSE</u>	<u>SUBSTITUTE COURSE</u>	<u>CR</u>	<u>GRADE</u>
<b>Mathematics &amp; Science</b>			
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	_____
	<b>Hours Required</b>	<b>32</b>	_____
<b>COMPUTER SCIENCE</b>			
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	_____
	<b>Hours Required</b>	<b>12</b>	_____
<b>COMMUNICATION SKILLS</b>			
ENGL 1160	English Comp II _____	3	_____
ENGL 3980	Technical Writing _____	3	_____
SPCH 1110	Speech _____	3	_____
	<b>Hours Required</b>	<b>9</b>	_____
<b>Soc-Behavioral Sciences ( Min 8 hrs: University Gen Ed Requirement)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>Humanities - Fine Arts (Minimum 8 hrs: University Gen Ed requirement)</b>			
ENGR 4690	Tech, Science and Civ (Cultural Diversity) _____	3	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
List course from above which meets US			
Racial or Hispanic Minority Groups ( _____ )			
<b>Total Hours Required by CENG from both Categories</b>		<b>18</b>	_____

COURSE	SUBSTITUTE COURSE	CR	GRADE
<b>Core Courses</b>			
CEEN 1030	CEEN Fund	4	
CEEN 1060	Microprocessor Applications	4	
CEEN 2130	Electrical Circuits I	4	
CEEN 2184	Electrical Circuits Lab I	1	
CEEN 2220	Electronic Circuits I	4	
CEEN 2250	Seminar	1	
CEEN 3100	Digital Design & Interfacing	4	
CEEN 3250	Communication Systems	4	
CEEN 3280	Applied Fields	3	
CEEN 3130	Switching Circuit Theory	4	
CEEN 4330	Microprocessor Sys Dsgn	4	
CEEN 4360	Embedded Ucontroller Dsgn	4	
CEEN 4960	Senior Thesis Proposal	1	
CEEN 4990	Senior Thesis	3	
<b>Hours Required</b>		<b>45</b>	

**ELECTIVES**

Specified Technical Electives (At least 8 hours must be CEEN courses)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
<b>Minimum Hours Required</b>		<b>11</b>

Free Electives (Cannot be lower than an entry level required course, remedial, or duplicate the content of another course)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
<b>Maximum Hours Allowed</b>		<b>6</b>

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	_____	_____	_____	_____
Tech Electives	11	_____	_____	_____	_____
Free Electives	6	_____	_____	_____	_____
<b>Total</b>	<b>133</b>	_____	_____	_____	_____

Graduation Worksheet Audit by: \_\_\_\_\_ Date: \_\_\_\_\_