

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING
OMAHA CAMPUS with ECEN 3174
Electrical and Computer Engineering, College of Engineering
For Students Entering 2017/2018

Name & ID # _____

Date Entered ECEN _____ Advisor _____

Transfer from _____

COURSE	SUBSTITUTE COURSE	CR	GRADE
MATHEMATICS & SCIENCE			
MATH 1950(106) Calculus I (ACE SLO 3)	_____	<u>5</u>	_____
MATH 1960 (107) Calculus II	_____	<u>4</u>	_____
MATH 1970 (208) Calculus III	_____	<u>4</u>	_____
MATH 2050 (314) Linear Algebra	_____	<u>3</u>	_____
MATH 2350 (221) Differential Equations	_____	<u>3</u>	_____
PHYS 2110 (211) Physics I (SLO 4)	_____	<u>4</u>	_____
PHYS 2120 (212) Physics II	_____	<u>4</u>	_____
PHYS 1164 (222) Physics II Lab	_____	<u>1</u>	_____
Science Elective	_____	<u>4</u>	_____
Hours Required	32	_____	
COMPUTER SCIENCE			
Programming elective (CIST 1400)	_____	<u>3</u>	_____
Hours Required	3	_____	
COMMUNICATION SKILLS			
ENGL 3980 or ENGR 3000 Tech Writing (SLO 1)	_____	<u>3</u>	_____
CMST 1110 or ENGR 1000 Communications (SLO 2)	_____	<u>3</u>	_____
Hours Required	6		_____
GENERAL EDUCATION			
SLO 5 (3 hr min)	_____	_____	_____
SLO 6 (3 hr min)	_____	_____	_____
SLO 7 (3 hr min)	_____	_____	_____
SLO 8 (3 hr min)	_____	_____	_____
SLO 9 (3 hr min)	_____	_____	_____
Hours Required	15	_____	

COURSE	SUBSTITUTE COURSE	CR	GRADE
Core Courses			
ECEN 1030 CEEN Fundamentals	_____	4	_____
ECEN 1060 Microprocessor Apps	_____	3	_____
ECEN 1940 Special Topics in CEEN	(To be replaced with ECEN 1230)	1	_____
ECEN 2130 Electrical Circuits I	_____	3	_____
ECEN 2184 Electrical Circuits Lab I	_____	1	_____
ECEN 2140 Electrical Circuits II	_____	3	_____
ECEN 2220 Electronic Circuits I	_____	4	_____
ECEN 2250 Seminar	_____	1	_____
ECEN 3040/3550 Signals & Systems	_____	3	_____
STAT 3800/ECEN 3050 Prob theory	_____	3	_____
ECEN 3060/3280 EM Fields	_____	3	_____
ECEN 3074 Electrical Engineering Lab I	_____	2	_____
ECEN 3130 Switching Circuit Theory	_____	4	_____
ECEN 3940 Special Topics in CEEN	(To be replaced with ECEN 3474)	1	_____
ECEN 4940 Capstone I	_____	2	_____
ECEN 4950 Capstone II (SLO 10)	_____	3	_____
Hours Required	41		
Concentration 12 hr min:			
“Bold 3 hr min” _____			
Second Course in Option 3 hr min _____			
Course in any Option 3 hr min _____			
Additional 3xx-4xx ECEN/ELEC Course 3 hr min _____			
Engineering Electives 15 hr			

Concentration and Engineering Elective Hours Required

27 _____

Area	Hours Req	Actual Hrs	In-progress Hrs	Incomplete Hrs	Projected Hrs
Math/Science	32	_____	_____	_____	_____
Computer Sci	3	_____	_____	_____	_____
Comm Skills	6	_____	_____	_____	_____
Hum/Soc	15	_____	_____	_____	_____
ECEN Core	41	_____	_____	_____	_____
Engineering Electives	27	_____	_____	_____	_____
Total	124	_____	_____	_____	_____

Graduation Worksheet Audit by: _____ Date: _____