

**BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
 AN OMAHA CAMPUS PROGRAM OF THE
 COLLEGE OF ENGINEERING
 Effective for Students Entering 2012-2013**

Name & ID # _____

Date Entered CEEN _____ Advisor _____

Transfer from _____

| <u>COURSE</u> | <u>SUBSTITUTE COURSE</u> | <u>CR</u> | <u>GRADE</u> |
|----------------------------------|----------------------------------|-----------|--------------|
| MATHEMATICS & SCIENCE | | | |
| MATH 1950 | Calculus I (ACE SLO 3) | 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 (SLO 4) | 4 | _____ |
| PHYS 2120 | Physics II | 4 | _____ |
| PHYS 1154 | Physics I Lab | 1 | _____ |
| | Hours Required | 32 | _____ |
| COMPUTER SCIENCE | | | |
| CIST 1400 | Intro to Computer Prog | 3 | _____ |
| CSCI 1620 | Intro to Computer Science II | 3 | _____ |
| CSCI 3320 | Data Structures | 3 | _____ |
| | Hours Required | 9 | _____ |
| COMMUNICATION SKILLS | | | |
| ENGL 1160 | English Comp II | 3 | _____ |
| ENGL 3980 | Technical Writing (SLO 1) | 3 | _____ |
| SPCH 1110 | Speech (SLO 2) | 3 | _____ |
| | Hours Required | 9 | _____ |
| 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) | _____ | _____ |
| ENGR 4690 | Tech, Science and Civ | 3 | _____ |
| | Hours Required | 18 | _____ |

| COURSE | SUBSTITUTE COURSE | CR | GRADE |
|---------------------|------------------------------|----|-------|
| Core Courses | | | |
| CEEN 1030 | CEEN Fund | 4 | |
| CEEN 1060 | Microprocessor Applications | 3 | |
| 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 3130 | Switching Circuit Theory | 4 | |
| CEEN 3320 | Assembly Lang Prgm | 1 | |
| CEEN 4330 | Microprocessor Sys Dsgn | 4 | |
| CEEN 4360 | Embedded Ucontroller Dsgn | 4 | |
| CEEN 4960 | Senior Thesis Proposal | 1 | |
| CEEN 4990 | Senior Thesis (SLO 10) | 3 | |

Hours Required **42**

Concentration: (Advanced Digital Design) (Multimedia Systems)

| | | |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Engineering Electives (At least 14 hours must be CEEN courses)

| | | |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Concentration and Engineering Elective Hours Required **17** _____

| Area | Hours Req | Actual Hrs | In-progress Hrs | Incomplete Hrs | Projected Hrs |
|-----------------------|------------|------------|-----------------|----------------|---------------|
| Math/Science | 32 | _____ | _____ | _____ | _____ |
| Computer Sci | 9 | _____ | _____ | _____ | _____ |
| Comm Skills | 9 | _____ | _____ | _____ | _____ |
| Hum/Soc | 18 | _____ | _____ | _____ | _____ |
| CEEN Core | 42 | _____ | _____ | _____ | _____ |
| Engineering Electives | 17 | _____ | _____ | _____ | _____ |
| Total | 127 | _____ | _____ | _____ | _____ |

Graduation Worksheet Audit by: _____ Date: _____