## Curriculum 2014/2015 – Suggested Sequence – Approved 4/2/2014

Programs: COMP-ENGR, EE-BS, EE-MIN, MEE-BS, MEE-MIN, NGR-PR

### Computer Eng. (+12 – 10)
- 3 EE courses not required in the Computer Engineering concentration (take the 4 below instead).

### Electrical Engineering (+36 credits)
- ELE xxx: required courses + (ELE 271, ELE 314 or ELE 342) for a minor in EE credits/semester

### Engineering Core (89 credits)
- EYE 112: Built Environment: Energy (Entry Year Experience)
- ENG 100: College Writing
- 4 PHY 121: General Physics I + PHY 114: lab I
- MAT 152: Calculus A (Quantitative Reasoning)
- 4 CHY 113: Principles of Chemistry I (Science Explorations)
- 4 PHY 123: General Physics II + PHY 116: lab II
- MAT 153: Calculus B

### Mechanical Engineering (+39 credits)
- MEE xxx: required courses for a minor in ME credits/semester

### Fall 13
- ELE 272: Digital Logic
- ELE 312: Microprocessor Systems
- ELE 271: Circuits 2: System Dynamics + ELE 219: lab
- ELE 172: Introduction to Differential Equations and Linear Algebra
- ELE 312: Circuits 2: System Dynamics + ELE 219: lab

### Spring 13
- ELE 312: Circuits 2: System Dynamics + ELE 219: lab
- ELE 172: Digital Logic
- ELE 272: Microprocessor Systems
- ELE 312: Circuits 2: System Dynamics + ELE 219: lab

### Total Credits: 127

1. Requires completion of 3 among Science Explorations, Socio-Cultural Analysis, Cultural Interpretation, and Creative Expression.
2. Contributes to a thematic cluster. The thematic cluster requirement may be satisfied by a minor outside engineering.
3. Requires advisor permission, with the expectation of graduation in 3 semesters.
4. Course may be offered more than once/year, based on demand.