## A – MINOR REQUIREMENTS – 18 HOURS (7 advanced minimum)

*This minor is suitable for students who wish to have a general introduction to applications of electricity and  electronics.*

### 1 – Electrical Engineering Core – 12 hours (4 advanced)

ELEE 2305 Electric Circuits I
ELEE 2105 Electric Circuits I Lab
ELEE 2330 Digital Systems Engineering I
ELEE 2130 Digital Systems Engineering I Lab
ELEE 3301 Electronics I
ELEE 3101 Electronics I Lab

### 2 – Electrical Engineering Electives – 6 hours (3 advanced minimum)

*Choose 6 hours of ELEE courses, of which at least 3 hours must be advanced.*

*Note: Students who take courses equivalent or similar to those in the elective engineering core (CMPE 2320, CMPE  2120, CMPE 2330, CMPE 2130, or CMPE 3403) as part of their major may not count them toward the minor. These  students should instead take additional electrical engineering elective courses, to make a total of 18 hours, of which at least 7 hours must be advanced.*