

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
-----	------------	------	------	------	---	-----	------------	------	------	------	---

## Electronics

### **ELEC 101 Electronics Fundamentals** **4 Units**

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, Math Level 2

This course covers the fundamentals of D.C. circuits. The following topics are emphasized: Ohm's Law, power sources, capacitance, Kirchhoff's Laws, and Norton's and Thevenin's theorems. Arithmetic and algebraic analysis of D.C. circuits using scientific calculators. ELEC 201 may be taken concurrently.

54 lecture hours, 54 lab hours. CSU

22192 Stoner, B. MTWR 08:20 AM-09:45 AM PC 317 08/29-12/19

### **ELEC 201 Digital Electronics** **4 Units**

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

This course covers the principles of digital computer logic circuit technology.

Course study includes: logic gates, Boolean algebra, flip-flops, arithmetic circuits, counters, registers, memory, microprocessor structure, and analog-digital interface. ELEC 101 may be taken concurrently. 54 lecture hours, 54 lab hours.

22193 Stoner, B. MTWR 09:55 AM-11:20 AM PC 317 08/29-12/19