ECE 205  Electrical and Electronic Circuits  credit: 3 hours.
ECE 205 is an introductory course on circuit analysis and electronics for non-majors in engineering. The course includes bi-weekly electronics lab experiments designed to provide students with hands-on experience. Basic principles of circuit analysis and DC circuits; time-domain analysis of 1st and 2nd order linear circuits; complex numbers, phasors, AC steady-state analysis; frequency response; op-amp, diode, and BJT circuits; logic gates and digital logic circuits. Credit is not given to Computer or Electrical Engineering majors. Credit is not given to Computer or Electrical Engineering majors. Prerequisite: PHYS 212.

Students must register for one lecture and one lab.

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<th>Time</th>
<th>Days</th>
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<td>Not intended for Graduate - Urbana-Champaign.</td>
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