

YOUNGSTOWN STATE UNIVERSITY
DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING

ECEN 2632

Basic Circuit Theory 1

HOMEWORK INFORMATION

From your perspective, homework is the most important aspect of this course because homework provides the only opportunity for the development of problem-solving skills, and problem-solving skills will determine how well you do on the tests. Hence, adequate practice in working problems is important.

In order to earn homework points, the following ground rules **must** be observed. Papers not observing all rules will not be graded.

1. Homework problems should be worked on the **front** of either engineering paper [the grid is on the back] or clean white loose-leaf 8.5 x 11 inch paper [no torn edges].
2. Your name and the phrase "HW Set nn" [where 'nn' is a number from 1 to about 22] must appear in the top margin of the first page.
3. Each problem must be identified by the notation "HWPn", where n is the number of the problem as given in the assignment; n will range from 1 to 50.
4. A heavy horizontal line across the entire width of the page must be used to separate different problems worked on the same page.
5. If more than one page is used, **number** the pages in the upper right-hand corner and **staple** the pages together in the upper left-hand corner. Pages that are not numbered or stapled will not be graded.
6. In order to earn any points, homework solutions must be **neatly organized** and **legible**. Longhand work that is messy, disorganized, too small or too faint to be seen easily, etc., will not be graded.
7. All circuits' problems **must contain a diagram** of the circuit being analyzed and a definition of each and every variable used in your solution. Here 'variable' means one of three types of quantities: [1] a current or voltage: currents and voltages are defined on a circuit diagram; [2] a component or parameter name and/or value: names and values may be given on a circuit diagram or in an equation near the diagram; and [3] any other quantity [e.g., a power delivered by a source] that you are asked to find in a given problem.
8. Homework should be handed in on or before it is due. Late homework **may not be accepted**.

GRADING: Points will be awarded to **solutions** (not answers) as follows:

A **correct solution** with a correct numerical answer (or, at most, minor numerical difficulties) will earn full credit. A solution essentially void of correct and reasonable steps will earn zero (0) points. Otherwise, a solution will earn partial credit.