

# **ELEC2501 Group Wiki**

**Set: 3rd June, 2012**

**Due: 19th June, 2012**

## **Objective**

To allow the familiarization of the range of packaging and construction that basic passive electrical components (resistors, capacitors and inductors) can come in.

## **Task**

Each group is assigned two components and both components needs to categorized as far as possible, for example

- type of component,
- component value,
- power rating,
- any other relevant information, including possible use.

These details are then added to the group's section of the cuLearn forum, which we will use as a wiki. The content should be clear and concise. All sources of information should be cited. Clear photographs of the items have to be taken and posted (try and use macro mode). If you have difficulties with the photography contact the course instructor. In the last PA session (14th June) there will be a review of the components for each of the class.

You may find the LCR meter in 4135ME useful in determining some of the component values. See the lab manager for guidance on the use of the LCR meter.

The wiki will be graded on the detail and its accuracy. The mark will be out of 10 and will be assigned to each members of the group. It is expected that all group members work and participate equally. If there are any issues within the group it is expected that the group members will make every attempt to resolve it themselves. See the course instructor for recourse if all else fails.