

## General instructions

### Objective:

The objective of the second assignment is just to get you acquainted with one relevant aspect related to printed circuit boards (PCBs).

### Task:

There are ten sub-folders in this folder. Your subject will be based on the last digit (0-9) of your student number i.e if your student number is for example 123456 (or 23456A) select the sub-folder 6.

#### Preferred option

Your task is to formulate a graphical (visual) presentation on that subject. It can be for example:

- Poster
- Mind map
- Concept map
- Flowchart
- Picture collage
- or some other type of visual presentation.

You are encouraged to be innovative, creative and pictorial. 😊

#### Backup options

If you think that you are not able to formulate a graphical presentation from the subject you can also write a short essay on the subject or prepare few (Power Point) slides. The length of the essay should be about one A4 page (font 12, line spacing 1). Two pages is absolute maximum length. If you prepare .ppt slides maximum amount is five.

NB. The objective is NOT to cover all possible things that can be related to the area. The only requirement is that your submission contains (some of) the key aspects related to the subject. In each sub-folder, there is also short instructions on given subject.

### Submission:

Upload your output as a single file to submission box and include your name in the filename. For example "surname\_subject.ppt". All commonly used formats are accepted (like .ppt, .doc, .jpg, .tiff, .pdf, ...) If you use some exotic software to compose your "visual presentation" export it to relevant format, which can be opened with windows workstations.

### Grading:

The assignment is graded Excellent (4p)/Pass(2p)/Fail. If you select the "preferred option" i.e. some kind of visual presentation it is possible to get 4 points from excellent performance. "Excellent" performance means that you are able to show that you have understood the big picture (=your own contribution on the subject) and can correlate the different aspects on the subject in question (and possibly used some other reference material than those given to you). For the "backup options" you can only get maximum of 2 points (=pass)

### Other:

Please keep in mind that there is only 10 hours of work allocated to this assignment. You can for example use 4-6 hours to go through the material and then another 4-6 hours to compose your output. Naturally you are allowed to use also some other material (perhaps from Google Images, company homepages etc.) than what is given, but that is not required for getting the assignment accepted. If you use some additional material, please add the references.