

# SCSD LO1 Tutorial (second week)

Recall that LO1 is:

*“On successful completion of this course, you should be able to describe the structure of typical standards and regulation for a range of domains of application.”*

In the coursework you will work together with a small group to document what standards are applicable to a particular choice of domain and/or application. Notice that the set of applicable standards is not fully determined, it may be that you have some choice in which standards you choose to apply. The documentation should be captured in the SCSD wiki which you can find here:

<https://www.wiki.ed.ac.uk/display/SCSDTW/SCSD+Teaching+Wiki+Home> . You should be able to access this and create your own starting page. The assessment for the course will be a short (3 page max) summary of your wiki documentation.

In weeks 2 and 3 of the course the main aim is for you to choose a domain/application that interests you and start to research standards that apply to your choice.

Last week we carried out this activity and generated a list of possible domains and applications:

*(15 mins) Get together a list of possible domains and applications within a domain. These can be anything you are interested in – they do not need to be chosen from any sort of approved list. There are many sources of this kind of thing. For example, this is the list of 692 FDA approved Medical Device Software with AI components: <https://www.fda.gov/medical-devices/software-medical-device-samd/artificial-intelligence-and-machine-learning-aiml-enabled-medical-devices>.*

This week, we should decide on what domain/application combinations work for us. It is possible to work on this individually but for many people working as a group will be effective.

1. (15 Mins) Review the lists we generated last week attempting to identify two reasonably distinct clusters of domains/apps. Having identified these I'd like us to get into groups (of 4-6) if possible with an agreement to work together on the same cluster of domains, possibly working on different applications. This will result in two wiki pages identifying the clusters and who is in each group (if you miss the tutorial, please ask me about group membership)
2. (20 mins) An initial quick check to discover what standards might be appropriate listing names/links on the wiki page together with a brief note of what the standard covers.
3. (15 mins) Discussion of the appropriate standards, identifying any gaps and overlaps and the extent to which you have choice in what standards you decide are relevant