In this document, I summarize my online teaching experience at the University of Strathclyde during 2020-21 academic year. Overall, I have recorded 16 hours of lectures with the following set-up.

**Welcome to the Week Videos:** Each week starts with a talking head video is shot to present the summary of learning objectives in 2-3 minutes. Subtitles are created with Microsoft Stream. A sample screenshot is shown below:

1. Welcome to the Week

And welcome to this week. In this class,
Technical Content Videos: Using IPAD PRO, technical videos are recorded (5-10 min length for each topic).

2. Probability Basics

Worked Example Videos: A number of worked examples are presented to improve the understanding of students.

7.1. Worked Examples of Conditional Probability

- The following circuit operates only if there is a path of functional devices from left to right. The probability that each device functions is shown on the graph. Assume that devices fail independently. What is the probability that the circuit operates?

\[ P(A \cap B) = 1 - \left( 1 - 0.05 \right) \times \left( 1 - 0.9 \right) \]

So it will be one minus 0.05 times 0.1.
Conclusions Videos: At the end of the technical lectures, another talking head video is presented to summarize the lecture. A screenshot is shown

9. Conclusion to the week

And one event depends on the other one