

## 24 - A Flipped Classroom of System Dynamics Modelling for Public Health

Tools / Services	Pedagogical Uses
<p>A laptop (re-using from previous MMCDG project) for video production</p> <p>Software Camtasia Studio for desktop screen recording and video editing</p> <p>A free webpage host (000webhost) for hosting courseware website</p>	<p>The flipped classroom consists of a series of online tutorials on system dynamics (SD) modeling. The mode of teaching is mainly unilateral deliverance of course content and software demonstration, which might involve students downloading their own version of software and practicing the examples themselves.</p> <p>Online videos, the main deliverables, teaches concepts and demonstrates examples, and allow students to access them outside classroom, at any time of their convenience. Learning the SD modeling techniques in the flipped classroom, where the course contents are delivered in the same structure of a face-to-face class, allows students to follow the instructions more closely by pausing the video as they wish.</p>