

## 13 - A Flipped Classroom of SAS Programming for Statistical Analysis in Public Health

Tools / Services	Pedagogical Uses
<p>The software specially designed for screen-recording named Camtasia Studio is used for the video production spanned from recording of the presentation slides and SAS programming window, editing, annotating and publishing the video into readable files</p> <p>Adobe Dreamweaver was used for setting up the central webpage as course material dissemination hub, where modules are organized into seven subpages – each comprised of the objectives, online teaching video shared through the Youtube plug-ins available on the webpages and relevant downloadable datasets</p> <p>Professional recording services for each module’s opening addresses given by the principle supervisor are provided by the Centre for eLearning Innovation and Technology (ELITE)</p>	<p>A flipped classroom model is adopted. Given the main objectives as to encourage students gaining SAS programming knowledge outside classroom along with practical biostatistics questions with better accessibility and flexibility, teaching material contents – both the background information and practical problem-solving examples for each statistical analysis skill – are embedded in ten online videos for seven micro-modules, which are made available on a central webpage for full accessibility.</p>