

8 - Micro-modules for Engineering Mathematics

Tools / Services	Pedagogical Uses
YouTube videos, Piazza and Google Hangout	<p>Before class students are required to watch videos and read textbooks through an online learning platform (Piazza), in order to understand the logic and concepts on the subject. Piazza and Google Hangout are implemented as learning and communicating platform between students and teaching staff.</p> <p>Class time is spent on doing exercises, discussion, and presentation. Each study group is composed of 3 students. They discuss to finish 3-4 questions in the 2 hours' class time. Students finishing fast are selected to explain their answers to the whole class. The teacher and TAs walk around in the classroom and support students immediately when needed.</p> <p>Students are divided into 4 tutorial groups. In each group the tutor records each students' performance in exercise and help the student to solve difficulties and improve.</p>