

Deliverables for Lecturing and Presenting in Engineering

You will work closely with a stable team during the 5 days of this course, and your investment in this team will form a significant part of your learning in this class. Ultimately what you get out of this class, far exceeding the importance of your grade, will come from this peer group. The peer feedback that you provide to others and receive yourself during the daily skills labs will enable you to meet the challenging requirements of the final project, and future teaching challenges.

<u>Deliverables</u>	*course grade /6	
Needs assessment and preparatory activities		midnight 4th Feb
4x preparation for teaching of daily mini lesson		before each class
3x quizzes on moodle, based on the daily reading assignments*	1 point	in the evenings
5x reflections on your personal goals & reaction to peer feedback*		during class
Maxi lesson plan	0.5 point	midnight 26 Feb
Feedback to your peers on their maxi lesson plan	0.5 point	noon 28 Feb
Project report*	4 points	midnight 18 March

Teaching practice - mini + maxi lessons

On Days 1-4, you will each teach a short (5-10') lesson for the other members of your small group (4-5 people). On Day 5 of the course, you will teach a 12' "maxi" lesson to about 10 people – this is an opportunity to interact with a larger group and conduct more involved learning activities. Please consult moodle for lesson planning sheets + requirements for each mini lesson.

Project Report – see template on moodle

Many academic job applications will require a Personal Philosophy of Teaching Statement. These statements are also frequently part of the dossier for promotion and tenure in academic jobs or for teaching awards. Further, the process of explicitly writing out how and why you teach in a particular way, (and then examining, testifying, and verifying this philosophy through teaching) can foster professional and personal growth (Goodyear & Allchin, 1998). This final project report is designed to give you an opportunity to articulate and develop your own teaching philosophy.

Deadline: before midnight on Monday 18 March 2024	weight	max words
1. Describe your goals for Day 5 maxi lesson and the associated mini lesson, including the teaching strategies you employed and the research evidence supporting your approach ¹	50%	800
2. Summarise and comment on the feedback that you received about your teaching from your peers. This is an opportunity to reflect on trends from Day 1 through to Day 5 ²	12.5%	400
3. Summarise what you learned from participating in the lessons of your peers and from providing feedback to them.	12.5%	400
4. Conclude by describing what you will do in your teaching in the future to better meet your teaching goals.	25%	400

¹ References to literature are essential but are excluded from the word count.

² Make use of the feedback you received and your personal reflections, and make explicit connections to course concepts about structure, active learning, classroom management, etc.

