

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	deadline
Needs assessment and preparatory activities		midnight 4th Nov
5x preparation for teaching of daily lesson		before each class
3x homework assignments	1 point	before next class
5x reflections on your personal goals & learning	1 point	during class
Day 5 lesson plan	0.5 point	midnight 1 Dec
Feedback to your peers on their Day 5 lesson plan	0.5 point	noon 4 Dec
Final report	3 points	midnight 12 Jan

Teaching practice - daily lessons

On each day, you will each teach a short (5-15') lesson for the other members of your small group (4-5 people). On Day 5 of the course, you will re-teach one of your previous lessons for about 10 people. This is an opportunity to facilitate interactive teaching with a larger group. Please consult moodle for lesson planning sheets + requirements for each lesson.

Final Report – see template on moodle

Many academic job applications will require a 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 report is designed to give you an opportunity to articulate and develop your own teaching philosophy.

Deadline: before midnight on Monday 12 January 2026	weight	max words
1. Describe your goals for Day 5 lesson and the associated Day2-4 lesson, including the teaching strategies you employed and the research evidence supporting your approach ¹	50%	800
2. Summarise and comment on the self and peer video analyses of your teaching, including differences across the lesson you taught twice. What perspectives are added from your students' feedback and your own daily reflections. This is an opportunity to reflect on the evolution of your teaching from Day 1 through to Day 5	25%	400
3. Summarise what you learned from participating in the lessons of your peers and from providing feedback to them.	12.5%	200
4. Conclude by describing what you will do in your teaching in the future to better meet your teaching goals.	12.5%	200

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