

EVALUATION OF ENGINEERING MECHANICS CLASS

Please take time to respond to each of the questions below. What you write will help the department improve the class. Give as honest an answer as possible. There is no need to put your name on the form. Where the form talks of 'PRS class' it is referring to this Engineering Mechanics class.

Tick the relevant boxes.

Male	UK-Student	<u>Entry from school</u>		
Female	Non-UK student	after 5 th Year	after 6 th Year	Other

Give your opinion about the statements below by circling a number from the scale 1 to 5:

	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
	1	2	3	4	5
E.g. I think that all of the engineering classes should start at 9am.					1 – 2 – 3 – 4 – 5
1. Using PRS (in Mechanics) helps me enjoy this class more than traditional lecture based classes.					1 – 2 – 3 – 4 – 5
2. The PRS approach should be used for other subjects. <u>If you agree with this statement suggest which subjects.</u>					1 – 2 – 3 – 4 – 5
3. Using the PRS makes me pay attention in class.					1 – 2 – 3 – 4 – 5
4. I have to think more in PRS classes than in traditional lecture classes.					1 – 2 – 3 – 4 – 5
5. I work less outside of PRS classes than for traditional classes					1 – 2 – 3 – 4 – 5
6. I am more actively involved during PRS classes than during traditional classes.					1 – 2 – 3 – 4 – 5
7. Using the PRS helps me develop a better understanding of the subject matter when compared to traditional lecture based classes.					1 – 2 – 3 – 4 – 5
8. Using the PRS helps me develop the ability to question the concepts and ideas that are presented.					1 – 2 – 3 – 4 – 5
9. Using PRS helps me to understand the concepts behind problems.					1 – 2 – 3 – 4 – 5
10. I remember less after a PRS class than after other classes.					1 – 2 – 3 – 4 – 5
11. I am more likely to relate concepts to real life applications in the PRS class than in traditional classes.					1 – 2 – 3 – 4 – 5
12. Discussing PRS questions with other students in the class helps me to understand better the subject matter.					1 – 2 – 3 – 4 – 5
13. Hearing other students explain problems <i>in their own words</i> when working in our small groups helps me to learn.					1 – 2 – 3 – 4 – 5
14. Everyone in our group usually has an opportunity to express their opinion on the question being discussed.					1 – 2 – 3 – 4 – 5
15. Some students always dominate the discussion in the small groups.					1 – 2 – 3 – 4 – 5
16. Having a number of different viewpoints in the small groups often leads to confusion.					1 – 2 – 3 – 4 – 5

17. Using PRS helps the teacher become more aware of student difficulties with the subject matter. 1 – 2 – 3 – 4 – 5
18. The success of the PRS class depends on the teacher having a relaxed manner. 1 – 2 – 3 – 4 – 5
19. The success of the PRS class depends on the quality of the tutor's explanations. 1 – 2 – 3 – 4 – 5
20. The success of the PRS class depends on having an appropriate sequence of problems. 1 – 2 – 3 – 4 – 5
21. A short explanation by the tutor and a series of PRS questions is usually better than a long explanation and only a few PRS questions. 1 – 2 – 3 – 4 – 5
22. Using PRS, it is better to answer the question individually before discussing the question in the small group. Give a reason(s) for your answer:- 1 – 2 – 3 – 4 – 5
23. Group discussion after making an individual response leads to deeper thinking about the topic. 1 – 2 – 3 – 4 – 5
24. Using PRS, it is better to start with a small group discussion before making an individual response. Give a reason(s) for your answer:- 1 – 2 – 3 – 4 – 5
25. The best interaction method (as described in questions 22 and 24 above) depends on the difficulty of the question. Give a reason(s) for your answer:- 1 – 2 – 3 – 4 – 5
26. Seeing the class responses to a question (histrogram) helps increase my confidence. 1 – 2 – 3 – 4 – 5
27. A class discussion using the microphone is an important aspect of the PRS class. If you agree can you suggest when it is best to have this discussion:- 1 – 2 – 3 – 4 – 5
28. I like having to explain answers to PRS questions using the microphone. 1 – 2 – 3 – 4 – 5
29. I pay more attention in the class when I know I might have to answer questions with the microphone. 1 – 2 – 3 – 4 – 5
30. Using the microphone has developed my confidence to speak out in class. 1 – 2 – 3 – 4 – 5
31. Hearing other students' explanations by microphone often confuses me. 1 – 2 – 3 – 4 – 5
32. It is important that the teacher clearly explains which is the right answer and why after a class discussion using the microphone. 1 – 2 – 3 – 4 – 5
33. Doing the background reading beforehand is important to get the most out of the PRS class. 1 – 2 – 3 – 4 – 5
34. Most of the time I do background reading before coming to the class. 1 – 2 – 3 – 4 – 5
35. The set textbook (Hannah & Hillier) is ideal for the class. 1 – 2 – 3 – 4 – 5
36. I sometimes talk to other students *outside the class* about the PRS problems. 1 – 2 – 3 – 4 – 5

