

WEEK 7 TUTORIAL WORKSHEET

1 A2 & A3 SCHEDULE (5)

Week	Dates	Tasks	
7	29 Sep (Mon) / 1 Oct (Wed)	During tutorial: intro to A2 critique	
7-8	29 Sep - 5 Oct / 1 Oct - 7 Oct	Between tutorials: work on A2 draft	
8	6 Oct (Mon) / 9 Oct (Wed)	During tutorial: edit A2 draft + general consult	
	G01 & G06: 12 Oct, 2359 (Sun) G22 & G25: 15 Oct, 2359 (Tues)	A2 draft (ungraded) Canvas submission	
9	13 Oct (Mon) / 16 Oct (Wed)	During tutorial: intro to A3 critique	
	Click here to book your individual 20-minute A2 Zoom consult between weeks 9-11	A2 final draft (graded) Canvas submission: 6 days after A2 consult e.g., Mon consult, next Sun 2359 deadline	Work on A3 draft in your own time
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12	3 Nov (Mon) / 5 Nov (Wed)	A3 draft (ungraded) deadline: No need to submit ungraded A3 draft to Canvas; get it ready by week 12's tutorial for in-class peer review.	
		During tutorial: A3 draft in-class peer review	
	G01 & G06: 9 Nov, 2359 (Sun) G22 & G25: 12 Nov, 2359 (Tues)	A3 final draft (graded) Canvas submission	
13	10 Nov (Mon) / 12 Nov (Wed)	During tutorial: recap and reflection	

2 A2 BRIEF (10)

- 1) Do you have a copy of your partner group's (1) A1 ppt deck and (2) A1 OP video?
- 2) Go through "2a) AY25_26 S1 ES2631 Assignment 2 Critique of Engineering Design STUDENT."

As a group, discuss the following questions:

- 3) What are some **noteworthy points** when doing A2? Each group will share **one response**.
- 4) What are the **3 aspects** of A1 OP that you can draw **evidence** from for the A2 critique?

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A2 WARM-UP ACTIVITY (30)

For every successful innovation, there are many products or designs that either never reach the market or, if they do, fail to make the intended impact. The reasons for this may include poor design or quality, inadequate market research and misjudgement of consumer needs and expectations as well as timing, pricing and communication.

An example is Magimix Vision's award-winning 'transparent' toaster, designed in France and introduced into the United States in 2010:

Although the product still exists and had some success in Europe, it **failed to gain mass appeal** in the US market or revolutionise toaster design as it was expected to do.

Activities:

- 1) Go to your respective group's Google folder: "Week 7 design critique & peer feedback (GXX)."
- 2) As a group, in under **100 words**, write a **positive** or **negative** evaluation on Magimix Vision's "transparent" toaster. Support your evaluation with evidence from quick research.

For starters, you may go to the product's website.

- 3) Use appropriate **intellectual standard(s)** to assess the **assigned element(s) of thought**: purpose, question at issue, information, inference, concept, assumption, implication, point-of-view.
- 4) Phrase your evaluation in this manner:
 - ✓ The **purpose** of the design shows/lacks **clarity** because...
 - ✓ The **assumption** that... shows/lacks **logicalness** because...

Online activity 3 (homework):

- 1) As a group, comment on **1 x group evaluation** that has not been commented on.
- 2) As a group, respond to **1 x comment** that has not been responded to.
- 3) Deadline: **before week 8 tutorial**

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A2 & A3 CHECKLIST (20)

- 1) Go through "2b) A2 & A3 checklist."
- 2) Any questions?

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A2 PRACTICE & PEER FEEDBACK (90)

- 1) Watch this past A1 OP on "[Revolutionising our Renewables.](#)"
- 2) Refer to "2c) Sample A1 OP ppt deck - Revolutionising our Renewables."

Writing practice:

- 3) Use the (1) **A1 OP ppt deck**, (2) **A1 OP video**, and (3) **Q&A** as evidence for the critique.
- 4) As a group, write a **130-180-word positive and negative** evaluation, where you apply **one intellectual standard** to **one element of thought** in the presentation.
- 5) Create a **Google Doc** in your respective group's Google folder.
- 6) Refer to "2b) A2 & A3 checklist" to refresh your memory on the parameters (**guiding questions**) for applying the intellectual standards.

Peer feedback:

- 7) Get into new 6 groups of 3:

A1	B1	C1	D1	E1	F1
A2	B2	C2	D2	E2	F2
A3	B3	C3	D3	E3	F3

- 8) Ask **clarification questions** and provide **verbal feedback** on each other group's evaluations.
- 9) Document all the questions and feedback using the "**comment**" function.
- 10) Return to your group; share and discuss what you have learnt.

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HOMEWORK (5)

- 1) Online activity 3: Comment on **1 x group evaluation** and respond to **1 x comment**.
- 2) A2 draft (**ungraded**): If time permits, work on your A2 critique over the weekend. Alternatively, you may start on it in week 8's tutorial itself.

Deadline for both: **before week 8 tutorial**