

AI in your course: 41031 Industrial Design

PURPOSE:

How might we use AI in this course to:

- improve teaching
- improve learning
- improve learning outcomes
- improve evaluation

CURRENT LEARNING OBJECTIVES:

List all the learning objectives for your course

Describe and apply basic industrial design methodology

Identify design related problems and needs in target groups

Formulate design specifications accompanied by mood boards

Select and apply relevant visual communication tools in the different phases of the

Design a consumer product

Build a full scale plastic 3D model of a selected concept

Work independently on an individual design assignment

Argue for a selected design solution through text and illustrations

DESIRED

Describe the objectives. E

- Develop a ra
better.

- Select the m
requirements
directions

- Iterate and c

3) OUTCOME:

3e main learning outcomes of this
3e as detailed as possible.

AI AFFECT ON OUTCOME:

How will the use of AI influence these outcomes?

range of concept ideas, the broader the

most viable ideas based on design
and propose three possible concept

develop each concept in more detail

Image generators can influence this activity.

Positive:

- Create a huge variety of concepts
- Inspire new ideas
- Create better looking images compared to sketches

Negative:

- Unrealistic concepts
- Unrelated concepts
- Might introduce bias

SHOULD AI BE USED TO SUPPORT THIS OUTCOME?
Weigh the pros and cons and decide if AI supports

HOW SHOULD AI BE USED TO SUPPORT THIS OUTCOME?
Describe how AI can be used in detail.

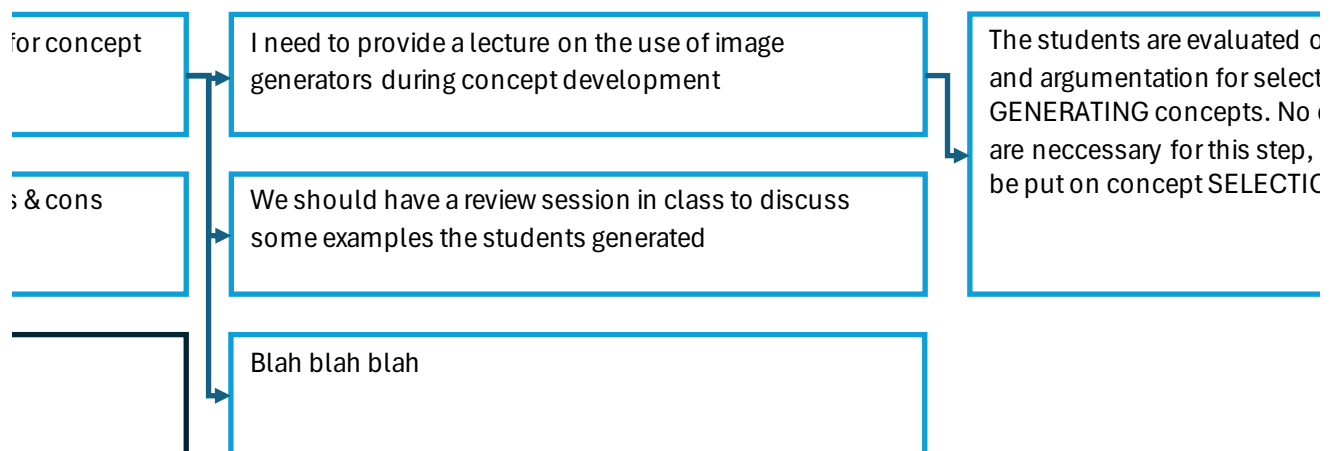
Yes, image generators would be good to use during concept generation.

Students should be introduced to using AI for generation

No, image generators should not be used during concept generation.

Students should be made aware of the pros

Blah blah blah



**EFFECT THE EXAM /
THIS LEARNING**

**CRITERIA FOR SUCCESSFUL
IMPLEMENTATION**

on their concept SELECTION
ting, not on the process of
changes in the evaluation
but more emphasis should
ON.

We might consider exploring how many diverse
concepts students create using AI vs. manual and
consider if the use of AI is leading to more or less
creative ideas