Arene's recommendations on the use of artificial intelligence for universities of applied sciences – The Traffic Light Model

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Introduction to the Traffic Light Model

Universities of applied sciences are encouraged to establish guidelines for the use of artificial intelligence as part of teaching and learning.

Where possible, the traffic light model should be integrated into the learning environment. Attitudes toward the use of artificial intelligence should also be documented in implementation plans. This ensures that the principles and responsibilities related to the use of artificial intelligence are clear and consistent for all parties.

Teacher guides students in the responsible use of artificial intelligence in learning assignments and their thesis. Students are encouraged to utilize artificial intelligence in their learning and studies.

Teacher will guide students on how to use AI in learning assignments and their thesis using a traffic light model. We recommend taking as permissive an approach as possible and noting that as AI becomes integrated into the digital tools used, it becomes challenging to distinguish between content generated by humans and content generated by AI. Any prohibition on the use of AI must always be justified.

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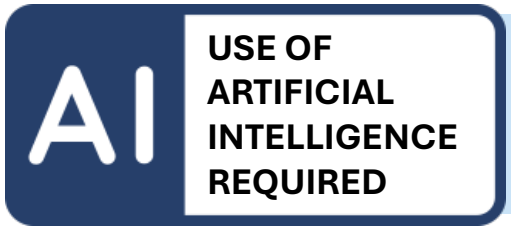
The use of AI in learning tasks



Required, must be used, must be reported, affects assessment

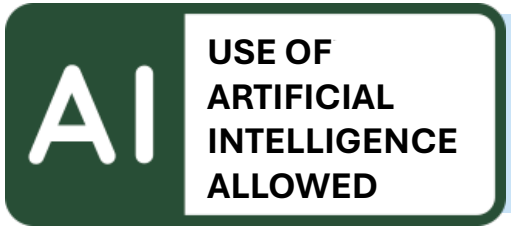
Artificial intelligence must be used to create the output*. The student must report how he/she has used AI. Failure to use AI will affect the assessment.

Prohibited, not to be used

The output* must be created without the help of artificial intelligence. The use of AI will be interpreted as fraud.

Allowed, can be used, must be reported, affects assessment

Artificial intelligence can be used in the creation of the output*, but the student must clearly report its use. Failure to disclose the use of AI will be interpreted as fraud. The use of AI may affect the assessment.



Allowed, can be used, need not be reported

Artificial intelligence can be used freely and without report to create the output. The use of AI does not affect the assessment.

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* Output means the final work or competence produced by a student that meets the objectives of the given learning task. This may be an essay, research report, presentation, project, picture, video, mathematical calculation or other concrete work that demonstrates the student's understanding and application of the subject matter.

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AI

USE OF ARTIFICIAL INTELLIGENCE REQUIRED

Required, must be used, must be reported, affects assessment

Artificial intelligence must be used to create the output*. The student must report how he/she has used AI. Failure to use AI will affect the assessment.

When?

This option is a good choice when a teacher wants to ensure that students have the opportunity to apply artificial intelligence during their studies.

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Example

How can it be used?

The use of artificial intelligence to support your own learning is permitted without separate notification. AI can be used, for example, to support brainstorming, build a knowledge base, search for information, and assess your own skills and learning. **In this assignment, the use of AI is required and must be used in creating the output in accordance with the learning assignment instructions.**

How should its use be reported?

When submitting your work, you must clearly describe **which AI application was used to create the output, for what purpose, and how it was used.** The description must correspond to the actual use.

How does this affect the assessment?

AI is not a source, and facts and references must be verified from reliable sources. In the assessment, special attention is paid to ensuring that your own thinking, analysis, and reflection are distinct from the content generated by the AI. **Failure to use AI or to report its use will affect the assessment as described by the teacher.**

Prohibited, not to be used

The output* must be created without the help of artificial intelligence. The use of AI will be interpreted as fraud.

When?

This option is a good choice when a teacher wants to ensure that students demonstrate basic skills and knowledge without the assistance of artificial intelligence.

Example

How can it be used?

The use of artificial intelligence for preliminary preparation is permitted. **In this assignment, AI may not be used to create the final product.**

How should its use be reported?

You do not need to report the use of AI when it is used solely for preparatory work and not as part of completing the learning assignment or submitting the final product.

How does this affect the assessment?

The assessment is based on the student's own competence and independently produced content. **The use of AI is interpreted as fraud and affects the assessment as described by the teacher.**

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USE OF ARTIFICIAL INTELLIGENCE REPORTED

Allowed, can be used, must be reported, affects assessment

Artificial intelligence can be used in the creation of the output*, but the student must clearly report its use. Failure to disclose the use of AI will be interpreted as fraud. The use of AI may affect the assessment.

When?

This option is a good choice when a teacher wants to encourage students to use artificial intelligence responsibly and transparently.

Example

How can it be used?

Using artificial intelligence to support your own learning is permitted without separate notification. You can use AI, for example, to support brainstorming, build a knowledge base, search for information, and assess your own skills and learning. **In this assignment, AI may be used to create the final product in accordance with the learning assignment instructions.**

How should its use be reported?

When submitting your work, you must clearly describe **which AI application was used to create the output, for what purpose, and how it was used.** The description must correspond to the actual use.

How does this affect the assessment?

AI is not a source, and facts and references must be verified from reliable sources. The assessment emphasizes the student's own thinking, analysis, and understanding. **Content generated directly by AI does not, as such, meet the assessment criteria and affects the assessment as described by the teacher. Failure to report the use of AI is interpreted as fraud.**

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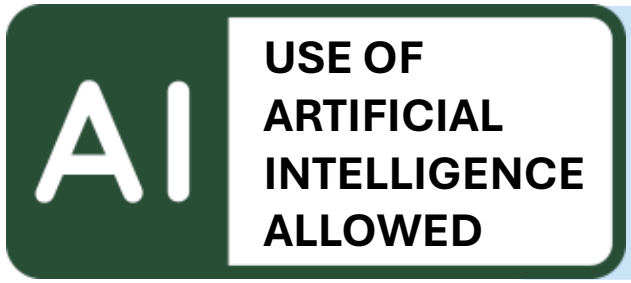

Allowed, can be used, need not be reported

Artificial intelligence can be used freely and without report to create the output. The use of AI does not affect the assessment.

When?

This option is a good choice when the teacher wants to allow the free use of AI and it does not add significant value to the assignment.

Example

How can it be used?

The use of artificial intelligence to support your own learning is permitted without separate notification. AI can be used, for example, to support brainstorming, build a knowledge base, search for information, and assess your own skills and learning. **In this assignment, you may freely use AI to create your work.**

How should its use be reported?

You do not need to report the use of AI. However, if you wish, you may mention the use of AI as part of the description of your work.

How does this affect the assessment?

The use of AI does not affect the assessment; rather, the assessment is based on the work to be evaluated as specified in the assignment.

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