Evaluation of digital teaching strategies

Competency

Evaluation of digital teaching strategies

Competency description

I can evaluate the effectiveness and adequacy of my media-based teaching with digital tools and revise my teaching strategies accordingly.

Level

Basic competency

Taxonomy level

2. Apply

Column/number in the document

A/7

Explanatory notes

This competence describes the ability to analyze the effectiveness and accuracy of media-based teaching using digital tools. This is about assessing how effective the learning methods are, using data and feedback, in order to adapt the learning strategy, if necessary.

Rationale

Continuous assessment of teaching is crucial to ensure that the technologies used actually lead to a better learning success. The ability to continuously review and adapt teaching enables teachers to optimize the learning process.

Example

A lecturer at a university holds an online course. At the end of this course, students give feedback. The lecturer collects the results to assess whether the digital tools have helped to improve students'

understanding.

SurveyMonkey, GoogleForms, mentimeters allow the creation of surveys and the collection of feedback from SuS.

Sources

Redecker et al., 2019. Altrichter, H., Maag Merki, K.: Manual New control in the school system. Wiesbaden: Springer, 2016 Berendt, B., Stary, J.: Evaluation to improve the quality of teaching and other measures. Weinheim: Deutscher Studien Verlag, 1993. German Society for Evaluation. Standards for evaluation. Cologne: German Society for Evaluation, 2002.

Teaching material

The manufacturer offers training on the corresponding programs. The indicated sources offer further choices to deal with this topic in a deeper way.

Link to other competencies

The four basic competencies (replacement with digital technologies, innovation processes, evaluation of digital teaching strategies, documentation/reflecting of own learning activities and competencies), which are listed in the competence area of the „Digital School-related Competences“ under the „Innovations & Reflective Practice“, form a sequence of skills and actions related to the use of digital tools in the education process. Each competence refers to a specific ability or activity that teachers can develop to improve their teaching practices and to promote their professional development. Overall, these skills show how teachers can use digital tools not only in their teaching but also in their professional development. The competences for selecting, using, evaluating and adapting digital tools are a central aspect for a contemporary and effective pedagogical practice.

Tagging

Learning activity, reflection, evaluation, self-development, training.

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