

## **WP3 – Development of techniques for the implementation of the remote teaching and training process with the use of support tools**

### **IO.9 – Development of evaluation methodology**

This task will be carried out within the package WP3 (Development of techniques for the implementation of the remote teaching and training process with the use of support tools). Within the framework of the task, a methodology will be developed related to one of the most important issues for conducting remote classes, i.e. the ability to verify the progress of students and providing them with partial and comprehensive feedback. The objective of the task is to develop effective and realistic scenarios for remote feedback to the students about their work, in particular identifying strengths and weaknesses of their work, target areas for improvement and outlining how to proceed with further studies.

As part of the task, methods and tools to support the process of monitoring progress and evaluation will be defined, as well as solutions which will allow for the summative and normative assessment process. Scenarios will be developed using tools that allow for automating the assessment process simultaneously with a large number of students using e.g. remote tests, interactive quizzes, verifiable discussions on forums and online surveys, also with the use of generally available Learning Management Systems, such as Moodle. Methods of remote formative assessment will also be developed using both written assignments in remote mode, e.g. using the learning diary method (which consists in developing a learning diary and formulating reflections on one's own learning process), as well as instant messengers and real-time video calls.

Methods for assessing research and design projects will be discussed, including the effective provision of constructive feedback on student work, using screen sharing technology and real-time collaboration, including cloud-based editing tools. A methodology for conducting remote examinations and assessments using platforms and support tools, including the possibilities of online proctoring (remote supervision systems during the exam), will also be developed to ensure effective verification of student identity and detection of improper behaviour, such as using unauthorised aids.

#### **Target groups:**

Research and teaching staff from institutions involved in the project and ultimately other European institutions.

#### **Innovative elements:**

The development of a methodology for summative, normative and formative assessment, using modern tools and techniques of distance learning.

#### **Expected impact:**

The developed methodology will allow for the effective evaluation of the participants of didactic courses, both with and without the requirement of social distance related to the epidemic threat. It can be applied in the teaching and training process throughout Europe.

#### **Transferability potential:**

The prepared methodology in the form of instructions and a developed handbook will be available on an online platform, for the use of academic teachers throughout Europe.

**The division of work:**

The work will be divided among all consortium participants and will include:

- defining objectives
- identifying problems and obstacles encountered during remote assessment,
- selection of support tools, techniques and applications,
- development of evaluation scenarios,
- preparation of publications summarising the completed work.

**The tasks leading to the production of the intellectual output:**

The leading institution (GUT) will be responsible for supervising the development of remote assessment methodology. Consortium participants will cooperate in the development of these materials, supporting each other with their knowledge and experience.

**Applied methodology:**

Within this task a methodology will be gathered and developed for remote assessment along with a presentation of detailed didactic scenarios and instructions on the use of support tools, techniques and applications.