

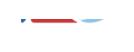
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Report on the System for electronic testing developed on the LearningKey platform

October 2022



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System for electronic testing developed on the LearningKey platform

The very important issue in the modernisation of teaching and learning is, surely, students' evaluation. The objective assessment is one of the greatest responsibilities of teachers. Electronic testing is one of the ways to overcome and mitigate these issues. Covid-19 pandemic forced the implementation of contemporary technologies in real-life teaching much earlier than expected, netting a plethera of positive results and improvements across multiple generations and study levels. On-line teaching cased needs for the usage various systems for the evaluation of students' knowledge. Teachers were forced to use different free applications and software solutions for electronic testing and self-evaluation of students including Google Forms, One-drive Forms, Acro-tex quizzes, Kahoot, Socrative, Quizzes etc.

Unique software solution for the development of system for electronic testing and monitoring is created on LearningKey platform. Questions for the tests and quizzes can be randomly chosen from the created database of questions. It is very important for students to check their knowledge, to be informed about their results and mistakes that they have eventually made. Immediate feedback allows students to identify and fill gaps, which has a very large positive impact on success in learning.

Report on the databases for electronic testing - UNI

Unique system for electronic testing is constructed on LearningKey platform and questions are filled by the professors of modified courses.

The databases for all courses can be accessed by logging in the platform via the link: <u>https://learning.tecomp.ni.ac.rs</u>, with the following credentials for each university:

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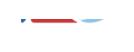
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P4-8. Introduction to analysis and algebra, 2021/22

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P4-9. Methodology of geometry teaching, 2021/22

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P4-10. Probability and statistics 2, 2021/22

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P4-11. History and philosophy of mathematics, 2021/22

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P4-12. Discrete mathematics, 2021/22

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P1-13. Discrete mathematics, 2021/22

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Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences Co-funded by the Erasmus+ Programme of the European Union



P4-16. Organic chemistry didactics, 2021/22

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