



ERASMUS+
2021-1-PL01-KA220-HED-000031182

ErgoDesign
Improving digital skills for
Ergonomics and Bioengineering
Innovations for inclusive Health
Care

Starting date
01.09.2022

Duration:
36 months

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Project website:
www.
ergodesigner.eu



NEWSLETTER 01/2023 (05)



Co-funded by the
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Technical University of Varna



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About Project

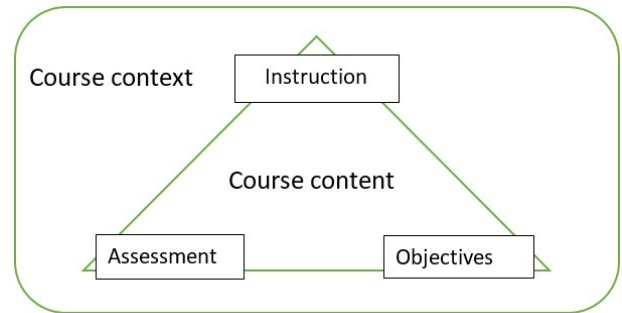
What about us? We rushed into the New Year. We work in the field of developing the rules for designing the course and the entire program of the course, so that it is best suited to educational needs and market realities. We are also planning a project visit to Budapest. We are working!



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Project Context



Design Principles (DP) are guidelines for the course design. They are expressed in a set of statements that place a clear emphasis on a particular mindset or requirements that should guide design activities. They are also useful for fixing and making easier decisions in various phases of the course design. Since the ErgoDesign course is delivered online, some DPs are the same as in traditional teaching, the others are specifically related to the online dimension.

The design stage of the course rules is especially important in case of online courses, because the course materials need to be prepared in advance. When a course is active and students are enrolled, it is much more difficult to introduce changes. Therefore, some time should be devoted to thoughtful and systematic designing of the course.

The course implemented as part of the ErgoDesign project should take into account the Course Triangle (based on: <https://ctl.wiley.com/course-design-triangle/>).



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ErgoDesign - Erasmus+ Project during the Science Month at Varna University of Technology!

The Science Month 2022 at Varna University of Technology began with the opening of the exhibition/competition "SCIENTIFIC ACHIEVEMENTS OF THE UNIVERSITY OF TU - VARNA" on October 10, 2022.

The event was officially opened by prof. Eng. Todor Ganczew, vice-rector for scientific activity. The event brought together students and lecturers of Varna University of Technology.

Our Project implemented as part of the Erasmus+ project was also among the presented scientific activities!



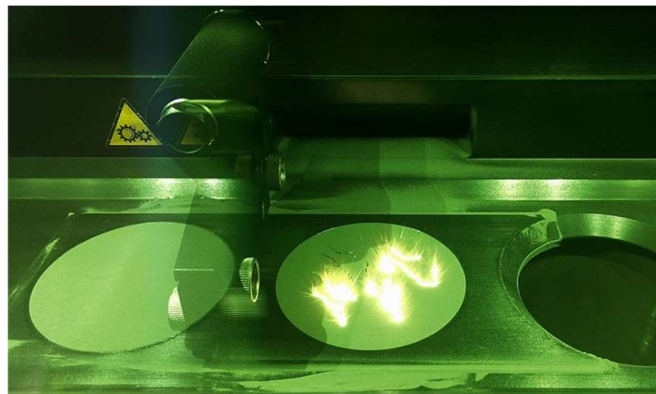
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Additive technologies are on the rise in today's world!

Additive technologies are on the rise in today's world. 3D printing has appeared in almost all areas of industry and life, allowing the rapid creation of unique pieces. Additive technology is also playing a role in medical technology, with dental technology being the fastest growing. In the production of dental implants, each piece is unique, because each tooth is individual, like a fingerprint. Several methods can be used to produce the implant, which is the result of careful condition assessment, design and manufacture.

The biocompatible materials used, such as TiAlV and CoCr alloys, can also be produced by powder bed metal printing. It is considered economical as it can be produced by 3D printing with almost no loss of material. The Erasmus Ergodesign project aims to produce training material for professionals who want to train themselves in this technology.



Powder bed selective laser sintering

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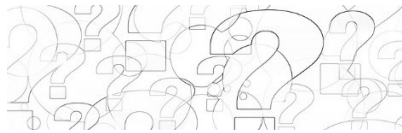


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Are you interested in:

- 3d printing in medicine
- a modern, inclusive approach to health
- design for people with disabilities
- ergonomics of work



If you said



follow us on the website, facebook, linkedin
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Our design activities results could be
appealing to you!

See you soon!

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