Integrated Interdisciplinary Education Module on Art, Entrepreneurship, Innovation and Science – ArtIST

Ref number - 612898
Aim of the Project

✓ ArtIST aims to develop and modernize STE(A)M subjects in multidisciplinary programmes (business, technology, innovation, entrepreneurship).

✓ ArtIST is focusing on reforming educational systems in partner institutes to ensure that graduates have all necessary skills and knowledge (not convergent or divergent but both) to successfully enter the labor market – Skills of the Future.

✓ ArtIST aims to design and implement an innovative interdisciplinary module “Integrated Interdisciplinary Education Module on Art, Entrepreneurship, Innovation and Science (ArtIST)” that will include arts, technology, innovation, entrepreneurship and business disciplines and will be validated and integrated into masters programs in the partner universities.

✓ This innovative module as a mix of arts and technology hard and soft skills accompanied with entrepreneurial and business training. The module will be based on creativity techniques, design driven methods, and modern IoT and ICT tools in the teaching and learning practices.
The «forward-looking» elements of the project

- Focus on the “Future Skills” and “Jobs for Future” while developing and piloting new STEAM courses - mix of arts and technology, hard and soft skills accompanied with entrepreneurial and business training
- Community building of STE(A)M education experts within Europe
- Extending this network to non-managerial and non-economic domains, creating the foundations for an interdisciplinary approach to STE(A)M
- Developing STE(A)M educational modules and teaching materials
- Validating these modules and teaching materials in various events in the participating countries
- Developing STE(A)M platform to share information and knowledge on STE(A)M learning
Competences and expertise of the partnership

The partners have advanced competences in teaching STEM and Arts courses, and professional in curricula development, pilots and validation for new courses. Partners participated in a number of educational EU projects and collaboration with policy makers and other stakeholders.

Figure 1. Partners’ contribution to module development and piloting
Expected project results and aspired impact in the priority area

Short-term results

• New courses on STE(A)M integrated into disciplines
• Toolbox - Pool of teaching materials distributed via ArtIST platform
• International pilots, national pilots, teaching events, workshops

Long-term results

• Modernisation and digitalisation of STE(A)M education
• Increase of number of specialists trained on STE(A)M approach
• Contribution to better understanding jobs of the future and teaching skills of the future
Major deliverables

- STEAM courses supported with toolbox
- Online learning space
- Solid policy recommendations
- Best practices in teaching
- Teaching materials
- Teaching events
Contact details

- Email: daria.podmetina@lut.fi
- www.lut.fi
- Website / Social media – coming soon
- Social Media – coming soon