

EDUM-ET-110 Multimedia and Digital Storytelling in Education (MA)

Aim of training

Aim of the study program

Digital storytelling can take many forms that result in exciting and effective ways to engage learners and has proved to be a powerful educational tool that can be used in multiple educational contexts. This course aims to provide students with an understanding of how to incorporate technology-enabled narrative as an effective tool to support teaching and stimulate learning. Students will learn about the components of stories and the storytelling process, and will gain practical experience in creating such stories using different media. Forming a community, students will also interact and share ideas related to the critical analysis of narrative and narrative-embedded media.

Expected learning outcomes and related competencies

Knowledge:

On successful completion of this course, students will know how to:

- use digital tools to create content
- edit photo, audio and video content
- find and use relevant applications
- use the copyright licenses while re-creating and sharing contents
- integrate digital storytelling in learning process

The completion of the course contributes to the following aspects of professional knowledge:

- Has knowledge of the latest results of research in education science and its neighboring fields and the relevant pedagogical innovations; and is able to analyze and interpret them critically.
- Has deep knowledge of scientific theories of learning, the strategies and methods of learning and the methods of supporting learning and teaching. Has an understanding of the role of the various learning spaces and environments in lifelong learning and learning in all areas of life and culture.
- Understands the importance of online communication, has knowledge of the spaces and possibilities of modern communication.

Skills:

By the end of the course, students will be able to:

- search for relevant data in digital environments, and to evaluate and analyse the reliability of online data,
- select, modify, refine, improve and integrate information,
- evaluate and analyse the reliability of online data,
- plan and develop a creative process,
- solve the given technological problem while creating a multimedia content,
- collaborate creatively and effectively,
- give a constructive feedback to others in the creative process,

- evaluate own achievement
- develop a plan about the integration of digital storytelling in the classroom
- develop an assessment tool (an evaluation rubric)

The completion of the course contributes to acquiring the following professional skills:

- Is able to make choices from relevant viewpoints while gathering information about the field of education science and its neighboring disciplines using national and international databases; and is able to independently use and apply this information in work.
- Applies multicultural and intercultural viewpoints in analysis and utilizes them proactively in work.
- Is able to compare research results with pedagogical practice.
- Is able to formulate practical implementation proposals.
- Is able to plan and carry out smaller research projects independently or in a group, is able to use accurately the quantitative and qualitative research methods, applies mathematical statistical methods with confidence.
- Is able to create age-appropriate educational conditions based on his/her knowledge of characteristics of learning, and to support individual ways of learning.
- Is able to demonstrate high-level oral and written communication skills while using constructively web sources of information.
- Is able to communicate adaptively in professional environments and pedagogical situations and is able to lead situations of professional communication.

Attitude:

By the end of the course, students will develop:

- a stand for the importance to protect personally identifiable information and content,
- awareness of the behavioural norms while using digital technologies and interacting in digital environments.

The completion of the course contributes to development of the following professional attitudes:

- Aims to implement expansive professional cooperation, is open to enter reflectively into problematic situations and can judge them professionally.
- Has professionally established critical approach and committed to professional analysis based on values and knowledge.
- Seeks creative solutions for deep comprehension of certain topics, applying the relevant research methods, is open towards cooperation in research, realizes the importance of joint work.
- Approaches connections of theory and practice with evaluative and interpretative reflectivity. Formulates relevant professional criticism, explicates his/her opinion convincingly and clearly, can argue in professional debates.
- Stands for the importance of communication in pedagogical and professional work, considers important to utilize the potentials of information technology tools.
- In professional relationships represents his/her professional values and believes and argues to defend them.

Autonomy and responsibility:

By the end of the course, students will:

- assume responsibility for the shared multimedia content and communication,
- interact respectfully in digital environments.

The completion of the course contributes to the following areas of professional autonomy and responsibility:

- Is able work independently and with responsibility.
- Takes the proactive role in making phenomena understood, encouraging responsible thinking and applies a scientific-professional viewpoint in his/her decisions and actions.
- Makes individual decisions based on professional opinion, and prioritizes delivering opinion and acting based on research.
- Is a reliable professional partner in various professional collaborations, can both lead and follow effectively in cooperation.

Main topics

Main contents

1. Basics of digital storytelling
2. Scriptwriting, storyboarding
3. Photos, images, Creative Commons
4. Recording audio narration
5. Creating a digital story (text, images, narration)
6. Developing a learning plan
7. Presentation, discussion, evaluation

Planned teaching and learning activities

The course is based upon a constructivist learning approach in which students work collaboratively to produce their own digital stories and digital storytelling unit plans. During the course, a range of topics related to the design and development of multimedia rich educational projects will be explored by a mixture of demonstration, discussion, and hands-on experiences.

Evaluation

Requirements, type and aspects of evaluation:

Requirements:

- Creating a digital story (60%)
 - Active participation in co-creation: 10%
 - Text (relevance, coherence): 10%
 - Narration: 10%
 - Images: 10%
 - Sources, CC: 10%
 - Coherence of narration and images: 10%
- Designing a digital storytelling unit (40%)

- Teacher and student activities: 20%
- Achievements: 10%
- Assessment: 10%

Total obtainable points: 100

Course grades:

- 5 (100-90%),
- 4 (90-80%),
- 3 (80-70%),
- 2 (70-50%),
- 1 (below 50%).

Reading

Required reading:

Ohler, J. (2008). *Digital storytelling in the classroom: New media pathways to literacy, learning and creativity*. Thousand Oaks, CA: Corwin Press

Robin, B.R., & McNeil, S.G. (2012). What educators should know about teaching digital storytelling. *Digital Education Review*, 22, 37-51.