

Accessible and Quality Digital Education for Autism and ID

Training of Trainers Course for Educators

Course Curriculum



Co-funded by
the European Union

Introduction to the Course

Welcome to the "Accessible and Quality Digital Education for Autism and Intellectual Disabilities - Training of Trainers (ToT) Course."

This course is designed to enhance educators' competences in providing accessible digital education for learners with autism and intellectual disabilities, by providing participants with the necessary knowledge, skills and tools that can enhance the learning experiences and meet the diverse needs of learners.



General Course Description

This course is a 4-day professional development program designed for teachers, special education professionals, educational assistants and anyone involved in supporting individuals with autism and intellectual disabilities.

The content is structured into 6 interactive units that combine theoretical knowledge and practical skills development.

Participants will gain a deeper understanding of neurodiversity and the unique needs of learners with autism and ID, the principles of universal design for education, and effective teaching strategies for overcoming barriers in digital education.

Through the use of TeachSpace and TeachHub, participants will explore digital tools and resources that can support individualized and interactive learning experiences. By the end of the course, participants will have developed a training plan for community outreach and gained practical experience in delivering effective training sessions.

Course Objectives



Learn more at
isec-ade.eu

Teaching competences

Enhance educators' autism & ID - specific competences and provide tools for creating educational content accessible for these learners across all educational settings.

Digital Competences

Develop educators' digital competences specific to their profession to enhance and innovate education, in line with the European Framework for the Digital Competence of Educators (2017).

Mastering Digital Tools

Introduce the TeachSpace & TeachHub web applications as open access digital learning infrastructure and a platform for sourcing open educational resources (OER) accessible to learners with autism and ID.

Course structure

Unit 1: Common understanding of autism and ID in the context of education

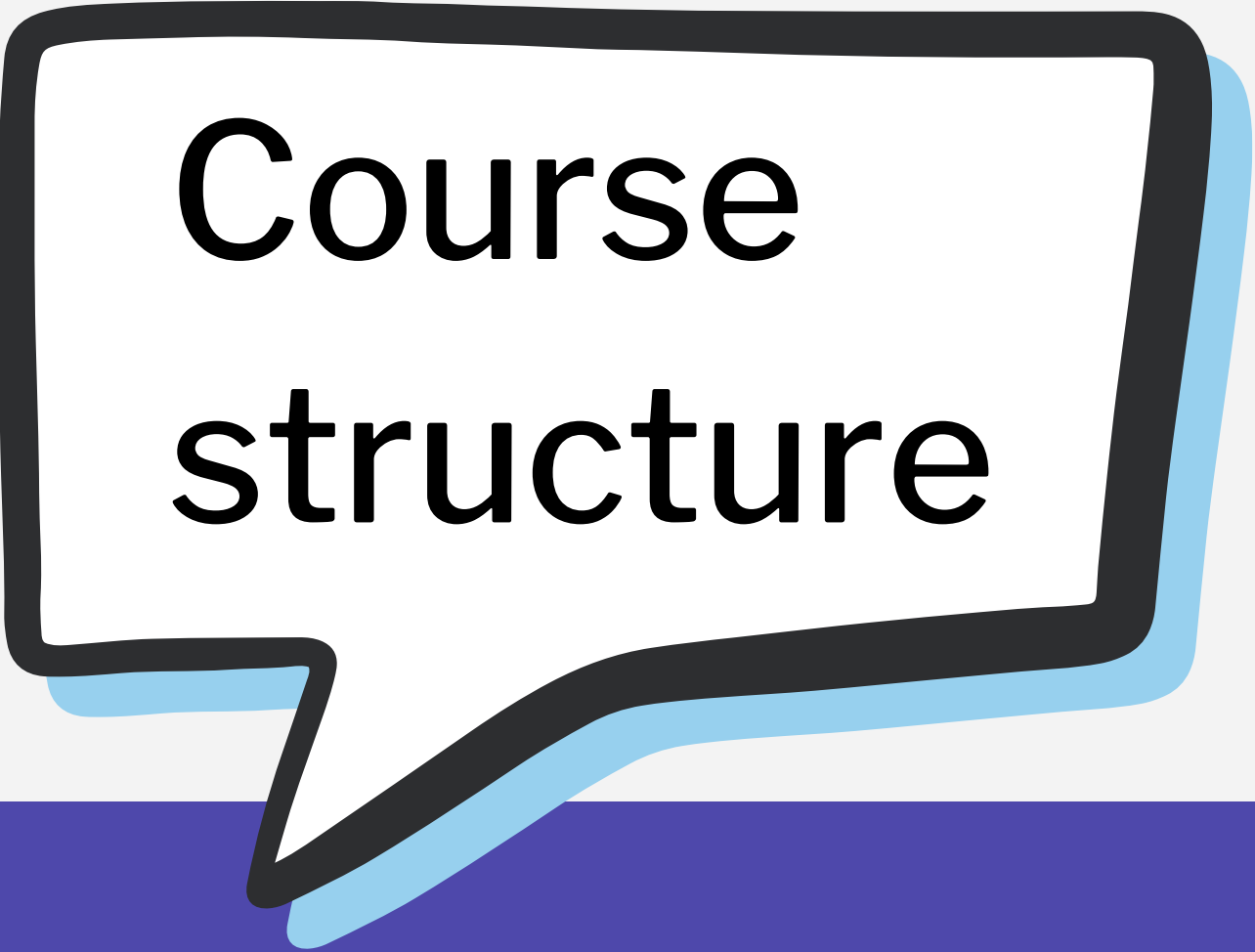
- 1.1 Introduction to the course
- 1.2 Overview on autism and intellectual disabilities
- 1.3 Neurodiversity and inclusive education
- 1.4 Overcoming barriers with UDL design

Unit 2: Accessibility and quality in teaching and learning for autism and ID

- 2.1 Overview of accessibility recommendations in digital education
- 2.2 Strategies for effective support in computer-assisted Instruction
- 2.3 Specialised instructional components

Unit 3: Introduction to TeachSpace & TeachHub

- 3.1 Overview of the TeachSpace & TeachHub tools
- 3.2 Navigating TeachSpace for learners
- 3.3. Customising digital content for individual needs in TeachSpace (demonstrations and Hands-on activities)
- 3.4 Collaboration and community building with TeachHub
- 3.5 Accessing OER for autism and ID



Course structure

Unit 4: Designing Accessible Digital Learning Environments

- 4.1 Overview of the session and presentation of case studies
- 4.2 Creating learner profiles (group work)
- 4.3 Creating accessible content using TeachSpace (individual work)
- 4.4 Presentation of group and individual work

Unit 5: Developing a Training Plan for Community Outreach

- 5.1 Guidelines for training plan development
- 5.2 Developing individual training plans
- 5.3 Group discussions and feedback on individual plans

Unit 6: Practicum and Peer Feedback

- 6.1 Strategies for effective training delivery - practice delivering training segments
- 6.2 Peer feedback and constructive critique
- 6.3 Facilitator guidance on improvement - refining training techniques
- 6.4 Closing session (conclusions)

Learning outcomes



Unit 1

Common understanding of autism and intellectual disabilities in the context of education

Participants will be able to:

- Acquire a common understanding about autism.
- Recognise and appreciate the strengths and skills commonly found in learners with autism and intellectual disabilities.
- Differentiate between strengths and weakness in neuro divergent individual instead of - deficit-focused and strength-based perspectives in understanding neurodivergent individuals.
- Describe the principles and benefits of inclusive education for learners with autism and intellectual disabilities.
- Apply UDL principles to design instructional strategies that address and overcome barriers to learning.

Learning outcomes



Participants will be able to:

- Understand accessibility in three dimensions of information access: physical, intellectual, and social.
- Define and explain key accessibility recommendations in digital education for learners with autism and intellectual disabilities.
- Evaluate the accessibility of digital learning materials and make necessary modifications to enhance inclusivity and usability.
- Understand and differentiate between various strategies for providing effective support in computer-assisted instruction for learners with ASC and ID.
- Know and understand specialised components of effective instructional design for learners with ASC and ID in computer-assisted instruction.

Unit 2

Accessibility and quality in teaching and learning for autism and ID

Learning outcomes



Participants will be able to:

- Understand the functionalities and features of TeachSpace and TeachHub.
- Explain the purpose and benefits of integrating TeachSpace and TeachHub in educational practices.
- Utilise TeachHub's collaborative features to build a supportive online community among educators, parents, and students.
- Explore and locate open educational resources (OER) relevant to autism and intellectual disabilities.
- Assess the quality and appropriateness of OER for diverse learners.

Unit 3

Introduction to TeachSpace & TeachHub

Learning outcomes



Unit 4

Designing Accessible Digital Learning Environment

Participants will be able to:

- Develop learner profiles to effectively address diverse needs and preferences in educational settings.
- Apply learner profiles as a framework for creating customised learning materials within the TeachSpace platform.
- Customise learning environments within TeachSpace to cater to the diverse needs of learners.
- Showcase creating accessible digital content using TeachSpace, focusing on individual application and skill development.

Learning outcomes



Participants will be able to:

- Select appropriate training aids for effective instruction and engagement.
- Assess and integrate local context and needs and modify the existing instructional materials.
- Apply principles discussed in the activities to create a training plan that aligns with identified goals, objectives, and the unique characteristics of the local community.

Unit 5

Developing a Training Plan for Community Outreach

Learning outcomes



Unit 6

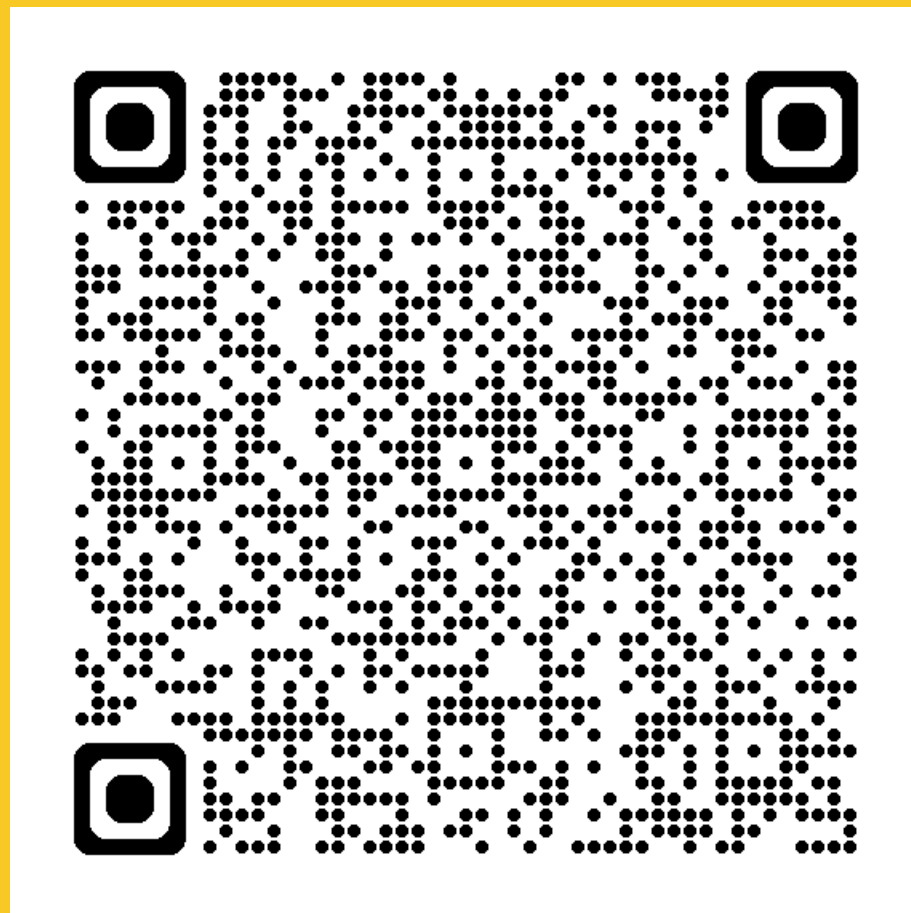
Practicum and Peer Feedback

Participants will be able to:

- Present information effectively following the training materials,
- Lead hands-on activities that reinforce learning,
- Lead group discussions and listen effectively,
- Engage in reflective discussions with facilitators to deepen understanding and application of effective teaching practices.
- Implement feedback from facilitators to enhance training delivery skills for future educational settings.

Agenda

Scan or click on the
QR code for the
Course Schedule



Learn more about ISEC-ADE at isec-ade.eu



Accessible digital education for learners with autism and intellectual disabilities: Innovating solutions and enhancing educators' competences ISEC-ADE
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