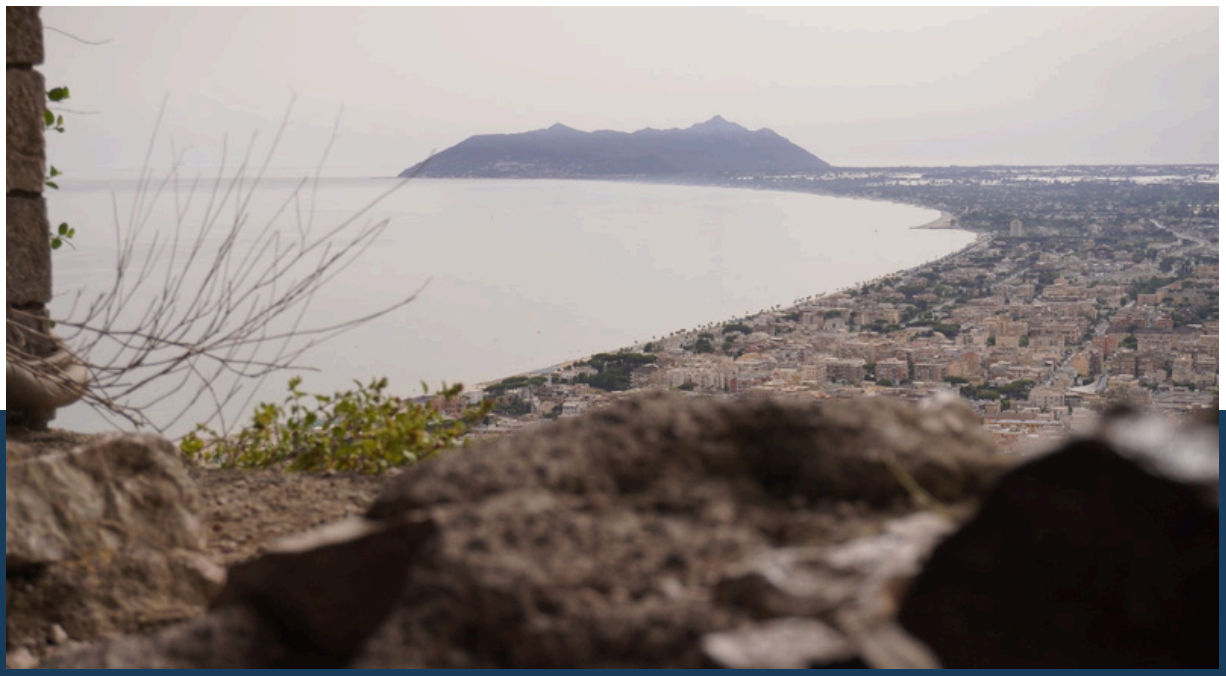
eu-track

TEACHER TRAINING CATALOGUE

Embark on a transformative professional development experience with our Opportunities Training Catalogue. Tailored for school/academic staff and professionals, seize enriching experiences that transcend borders. Elevate your professional journey with our training – where learning knows no bounds.

Project Cycle Management | New Technologies | Evaluation Methods | Research Based Approach | Inclusive Learning | Artificial Intelligence

www.eu-track.eu



WELCOME TO TERRACINA

Situated halfway between the most significant metropolitan areas of Centre-South, Rome, and Naples. It enjoys the advantage of an important geographical position as it is wet by the Tyrrhenian Sea and, at the same time, sheltered by the Ausoni, Lepini and Aurunci mountains. This allows having a mild climate throughout the year, making it a beautiful tourist destination.

The coasts are different, but the Eastern beach is characterised by cliffs breaking the sea waves, distributing the flavour of saltwater in the air. In contrast, the west beach is characterised by fine golden sand called the "Rene" possessing the characteristics of the dunes of the Savoy coast.
Looking at the sea, you can admire islands such as Ponza, Ventotene, Palmarola, Zanone, and S. Stefano that, by the nature of their rocks, give the sea colours ranging from white to red, from green to black.

You can still admire the remains of the ancient Via Appia, which departed from Rome and crossed the mountain since the Palude Pontina, whose draining was completed by Mussolini, prevented any connection with Rome.

Terracina, due to the variety of coasts, the presence of the sea and the place called "valle", is famous not only for the wine Moscato but also for the cultivation of strawberries and bluefish.
To visit these places, decanted by Homer as the destination of Aeneas and Ulysses, will immerse you in the magical atmosphere of the Sorceress Circe.

From "Goethe's Travels in Italy" by Goethe (p. 171): "We congratulated ourselves at the sight of it (Terracina) then we caught a view of the sea beyond. Immediately afterwards, the other side of the mountain city presented to our eye vegetation quite new to us. ITie Indian figs were pushing their large fleshy leaves amidst the grey-green of dwarf myrtles, the yellowish-green of the pomegranate, and the pale green of the olive. As we passed along, we noticed both flowers and shrubs quite new to us.

TABLE OF CONTENT

INTRODUCTION

EU-Track is a Research and Development association composed of highly qualified experts with different backgrounds and more than 15 years of professional experience. The strength of our Scientific Committee stands in the multidisciplinary approach combining academic-scientific expertise with business skills for real development towards innovation.

Educational and training activities were designed and developed based on European and National strategic priorities. Every course includes a theoretical part, aiming to improve knowledge on the topic selected, and practical exercises to favour learning and results achievement.

All the activities will be arranged at EU-Track - European Training and Research Association for a Cooperation Key to business, Viale Europa, 95 – 04019 – Terracina (LT).

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WHAT SETS US APART?

Expert Facilitators: Learn from seasoned educators who bring a wealth of knowledge and practical insights to each training session.

Cutting-edge Methodologies: Explore innovative teaching approaches, technological integration, and best practices to invigorate your classroom strategies.

Global Networking: Forge lasting connections with peers, fostering collaboration and enriching your professional network with local school visits.

Forward-Thinking Approach: Embrace a training experience designed for those who are not just educators but innovators. We are dedicated to supporting the ever-changing landscape of education, empowering you with the tools and knowledge to navigate and drive positive transformations in your teaching practice.

OUR TRAINING

Experience professional growth through immersive training activities that blend innovation, pedagogy, and cross-cultural exchange. Our catalogue offers a diverse array of programs, ensuring educators and professionals find tailor-made opportunities to enhance their teaching methodologies, foster international collaboration, and stay at the forefront of educational advancements.

- **Mastering Project Success**: Crafting Effective Proposals and Designing Activities with Project Cycle Management (Course ID46614).
- **Multimedia Learning Environment**: Harnessing New Digital Technologies for an Immersive Student Experience (Course ID46626).
- **Strategic School Excellence**: Innovation in Planning and Evaluation Methods (Course ID46637).
- **Bringing Research into the Classroom**: Enhancing Student Learning with the Research-based Approach (Course ID58018).
- **Building Tomorrow's Innovators**: Integrating Educational Robotics into the Classroom (Course ID 111573).
- **Promoting Inclusive Teaching**: Fostering Social Inclusion and Integration through Innovative Learner-Centred Approach (Course ID 64424)
- **Empowering students' motivation** and **learning** with Augmented Reality (Course ID 197276).
- **AI-Enhanced Learning**: Strategies for Modern Educators (Course ID 4094003).

MASTERING PROJECT SUCCESS

Crafting Effective Proposals and Designing Activities with Project Cycle Management

Course ID 46614

Acquire know-how for competitive proposals through theoretical insights, simulations, and practical exercises.
Elevate teaching quality and organisational competitiveness at national and European levels.

Target group:
Principals, Teachers, and Professionals

Participants:
Max 10

Description

This specialised training delves into key European Programmes, providing opportunities for schools, universities and different organisations, guiding participants in constructing impactful project proposals through needs analysis. Explore mobility projects and cooperation partnerships by gaining knowledge on 'Qualitative and Quantitative Indicators with Quality Monitoring and Evaluation.'

Designed to improve knowledge and skills, this course empowers participants to enhance the European dimension within their organisations. By harnessing new perspectives from the European Commission, staff improvement catalyses teaching and learning quality within school systems or other institutions. Moreover, it positions organisations for heightened competitiveness on both national and European fronts.

Our training methodology is strategically structured to facilitate the acquisition of practical know-how. Participants develop skills in designing, writing, and managing competitive proposals through a blend of theoretical insights, simulations, and hands-on exercises to empower them with effective project leadership and management in the European and International context.

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

MASTERING PROJECT SUCCESS

Crafting Effective Proposals and Designing Activities with Project Cycle Management

Course ID 46614

Learning Objectives

1. Strategic Program Alignment:

- Understand European Program objectives and priorities to align project proposals strategically.

2. Funding Line Selection:

- Develop the ability to choose appropriate funding lines, ensuring optimal alignment with project goals.

3. Documentation Proficiency:

- Master official documentation and application form completion for efficient proposal submission.

4. Consortium Building and Partnership:

- Learn to identify partners, organise consortiums, and foster collaborations for successful project implementation.

5. Resource Utilisation and Tool Proficiency:

- Efficiently utilise resources and tools for effective project development.
- Identification of real needs and defining the project idea
- Determination and definition of the proposal outcomes;
- Bringing a good idea into a project.

6. Project Planning and Evaluation:

- Acquire skills to transform ideas into well-defined projects, monitor activities, and evaluate outcomes for continuous improvement.
- Defining the budget and learning the basics for good accounting reporting.

Methodology

The training employs a dynamic face-to-face methodology, integrating frontal lessons, brainstorming, hands-on learning, group work, practical tutorials, and simulations. This diverse approach ensures an engaging and comprehensive learning experience, allowing participants to apply theoretical insights to real-world scenarios and master the intricacies of designing and managing European-focused projects.

MASTERING PROJECT SUCCESS

Crafting Effective Proposals and Designing Activities with Project Cycle Management

Course ID 46614

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- It includes knowledge assessments during the training through quizzes, practical exercises, collaborative projects, active in-class participation and peer feedback sessions. The evaluation format measures participants' capability to prepare a first draft of a proposal

Final Assessment

The participants are expected to design and draw up the first draft of a proposal, including all key elements, and a multiple-choice test on the topics addressed is administered.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

MULTIMEDIA LEARNING ENVIRONMENT

Harnessing New Digital Technologies for an Immersive Student Experience

Course ID 46626

Enhance tech-driven education with tailored insights. Tailored recommendations aligned with specific disciplines provide practical insights. This hands-on training equips you to seamlessly integrate technology in and outside the classroom.

Target group:
Principals, Teachers, and Professionals

Participants:
Max 10

Description

This training is designed to provide professional development and skills acquisition for educators, teachers and professionals aiming to integrate new digital technologies into their teaching methodologies.
Firstly, the participants are focused on methodological and didactic orientation for digital learning, involving a deep dive into pedagogical implications and preparing lesson plans tailored to the learning environment's digital transformation.

Secondly, they are engaged in acquiring or improving skills to build innovation in the classroom through the introduction of technology and digital resources, covering a wide spectrum from multimedia educational environments and virtual and augmented reality to robotics, web/mobile applications, 3D modelling to 3D printer, serious games, and gamification techniques.

In brief, the participants are enriched to gain expertise in extending the class borders and integrating innovative technologies to foster social inclusion by creating an immersive and technologically transformed learning environment while providing tools for assessment and verification.

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

MULTIMEDIA LEARNING ENVIRONMENT

Harnessing New Digital Technologies for an Immersive Student Experience

Course ID 46626

Learning Objectives

1. Setting of the Multimedia Educational Environments

- Understand the fundamental features of multimedia learning and teaching environments.
- Analyse various digital resources to enhance student motivation.

2. Exploring and Engaging with 3D objects, Virtual Reality and Augmented Reality

- Comprehend the potential of Virtual Reality (VR) and Augmented Reality (AR).
- Test applications for classroom use, gaining practical experience with VR and AR technologies.
- Understand the process of translating 3D designs into tangible objects using 3D printers.
- Gain practical experience in designing and producing 3D-printed educational materials.

3. From Unplugged Activities to Coding for Computational Thinking Development

- Learn the principles of computational thinking.
- Understand the implications of computational thinking in supporting students' cognitive development.

4. Educational Robotics and Robotics Tools

- Acquire knowledge about the principles and potentialities of educational robotics.
- Explore examples and digital environments to understand the applications of educational robotics.

5. Mobile Learning and Serious Games: Teaching Resources

- Gain an understanding of the potential of mobile learning and serious games.
- Explore the utilisation of mobile learning and serious games across various subjects within the classroom.

6. A Classroom Without Borders Through Technology - Learning Scenario Construction

- Learn how to integrate technology into teaching planning seamlessly.
- Develop skills to construct effective learning scenarios, enhancing technological and methodological lessons.

Methodology

This interactive training employs dynamic face-to-face methods, including group discussions and hands-on activities. Participants explore pedagogical implications and practical applications of multimedia educational environments through traditional lessons and learn-by-doing activities, such as 3D exploration, coding, and educational robotics. This integrative approach provides theoretical knowledge and practical skills for seamless integration of digital technologies in the classroom.

MULTIMEDIA LEARNING ENVIRONMENT

Harnessing New Digital Technologies for an Immersive Student Experience

Course ID 46626

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- It includes knowledge assessments during the training through quizzes, practical exercises, collaborative projects, active in-class participation and peer feedback sessions. The evaluation format measures participants' readiness to integrate digital teaching methodologies and tools effectively into the classroom.

Final Assessment

The participants are expected to design and produce a digital tool to be used in their classrooms, and a multiple-choice test on the topics addressed is administered.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

STRATEGIC SCHOOL EXCELLENCE

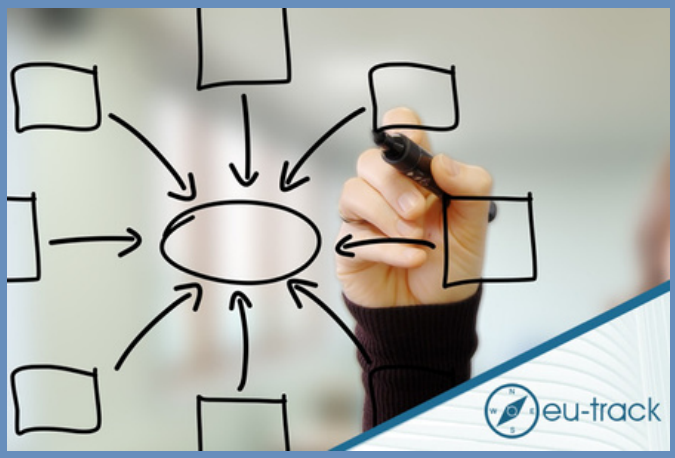
Innovation in Planning and Evaluation Methods

Course ID 46637

Explore theories, methods, and competency-based tools for school planning and evaluation. It combines theory with practical application, empowering participants to enhance educational practices.

Target group:
Principals, Teachers, and Professionals

Participants:
Max 10



Description

This training is for teaching staff and school leaders seeking in-depth knowledge of educational planning and evaluation systems.

It covers quantitative and qualitative research approaches to equip participants with essential tools and methodologies.
The program focuses on practical know-how, competency-based didactic planning, and evaluation skills, addressing various aspects of school planning.

Key topics include an introduction to the school evaluation system, practical examples, and methodologies for teaching planning.

Competency development and research methods, including observation and case studies, are explored for enhancing school planning and evaluation. The training also covers creating tools, strategies, and quality indicators for effective assessment.

Overall, it aims to provide a comprehensive understanding of planning and evaluation systems, integrating theory with practical skills for real-world educational applications.

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

STRATEGIC SCHOOL EXCELLENCE

Innovation in Planning and Evaluation Methods

Course ID 46637

Learning Objectives

1. Technique Exploration Proficiency:

- Explore various techniques for treating and interpreting information crucial for evaluation and planning in educational contexts, fostering a comprehensive skill set for effective decision-making.

2. Strategic School Management Implementation:

- Deepen knowledge on implementing effective school management processes, ensuring participants can navigate and enhance organisational structures and practices.

3. Research Methodology Expansion:

- Extend qualitative and quantitative research methods to enrich school planning and evaluation processes, including observation, case studies, action research, and focus groups.

4. Methodology and Techniques Application:

- Exploit methodologies and techniques for teaching planning, empowering participants to design and implement educational plans strategically.

5. Performance Evidence Development Mastery:

- Develop proficiency in creating performance evidence, encompassing tools, strategies, and quality indicators for robust assessment and planning in educational settings.

6. Structured Evaluation and Planning Simulation:

- Navigate the evaluation and planning system through a structured process, using a simulation of school planning and evaluation approaches to apply acquired knowledge in real-world scenarios.

Methodology

This training employs a dynamic face-to-face methodology, emphasising group interactions through frontal lessons, brainstorming, hands-on learning, group collaboration, and simulations. Participants will gain foundational knowledge through structured lessons, generate creative ideas, apply theoretical concepts in practical exercises, collaborate on group activities, and simulate real-world school planning and evaluation scenarios. This multi-method approach ensures an immersive and comprehensive learning experience, enabling participants to understand theoretical frameworks and apply them effectively in educational contexts.

STRATEGIC SCHOOL EXCELLENCE

Innovation in Planning and Evaluation Methods

Course ID 46637

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- It includes knowledge assessments during the training through quizzes, practical exercises, collaborative projects, active in-class participation and peer feedback sessions. The evaluation format holistically assesses participants, evaluating theoretical understanding and practical application across various educational planning and evaluation facets.

Final Assessment

The participants are expected to design and draw up the first draft of an evaluation plan or one evaluation tool, and a multiple-choice test on the topics addressed is administered.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

BRINGING RESEARCH INTO THE CLASSROOM:

Enhancing Student Learning with the Research-based Approach

Course ID 58018

Explore evidence-based practices, pedagogical innovations, and methodologies to enhance teaching skills and foster a dynamic and engaging environment for students to be more engaged and motivated with research-based learning.

Target group:
Principals, Teachers, and Professionals

Participants:
Max 10

Description

This training caters to principals, teachers, and educators aiming to enhance their lectures through research-based learning approaches. Participants will deepen their knowledge and skills to guide students in research both inside and outside the classroom.

The program incorporates technological tools and design thinking, empowering participants to facilitate students' mastery of research methods. The training fosters an environment for students to engage in thoughtful, collaborative, and innovative learning experiences.

This research-based learning approach goes beyond traditional teaching methods, emphasizing skills like dealing with uncertainty, fostering independence, and promoting teamwork. It prepares students for organizational situations, making them adaptable learners in a changing world.

The structured training activities ensure participants acquire the knowledge and skills to implement the approach effectively. The program blends theoretical deepening, collaborative group work, and practical exercises, enriching participants' understanding and providing useful tools for more effective teaching.

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

BRINGING RESEARCH INTO THE CLASSROOM:

Enhancing Student Learning with the Research-based Approach

Course ID 58018

Learning Objectives

1. Research-Based Learning and Teaching Approach:

- Formulate and define precise research questions.
- Plan research activities, specifying methods and tools.
- Undertake investigations and analyse data.
- Interpret and consider results, reporting and presenting findings effectively.

2. Guiding the Inquiry Process:

- Implement and guide the inquiry process with students using the four-level continuum of inquiry (confirmation, structured, guided, and open inquiry).
- Apply the "what-if" strategy to enhance the inquiry process.

3. Integration of Design Thinking in Research-Based Learning:

- Explore and incorporate design thinking methodologies into the research-based learning approach.
- Apply design thinking principles to enhance the creativity, problem-solving, and innovation aspects of student-led research projects.
- Understand the synergy between design thinking and research steps, fostering a holistic approach to inquiry and solution development.

4. Promoting Understanding through Discovery:

- Promote understanding through student-centred activities, including exploration, presentation, wrap-up, learning by doing, and evaluation.

5. Facilitating Students' Reasoning Process and Thinking:

- Assist students in encouraging their reasoning process, fostering analysis, connections, and critical thinking skills.
- Assessment of Student Learning.
- Learn how to assess student learning effectively using the research-based learning approach.

6. Guidance for Research Project Preparation:

- Guide students in preparing research projects across all subjects, providing practical examples and support.

Methodology

The training combines theory, group work, and practical exercises to provide a comprehensive learning experience. Participants engage in interactive activities and discussions to deepen their understanding of research-based learning, while practical exercises help them develop strategies for guiding students. The collaborative environment ensures educators gain both the theoretical knowledge and practical skills needed for effective research-based teaching.

BRINGING RESEARCH INTO THE CLASSROOM:

Enhancing Student Learning with the Research-based Approach

Course ID 58018

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- It includes knowledge assessments during the training through quizzes, practical exercises, collaborative projects, active in-class participation and peer feedback sessions. The evaluation format measures participants' readiness to integrate research-based teaching methodologies effectively into diverse classroom settings.

Final Assessment

The participants are expected to design and plan a research project for students, and a multiple-choice test on the topics addressed is administered.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

PROMOTING INCLUSIVE TEACHING:

Fostering Social Inclusion and Integration through Innovative Learner-Centred Approach

Course ID 64424

By blending theory, collaboration, and practical exercises, participants will gain the tools to create learner-centred environments that embrace diversity and nurture every student's growth.

Target group:
Principals, Teachers, and Professionals

Participants:
Max 10

Description

This training equips participants with the skills and knowledge to promote inclusive teaching by developing adaptable strategies and creating classroom environments that cater to diverse learning needs.

During the training, the participants are encouraged to prepare effective lesson planning for inclusive education by honing curriculum development skills and instructional design based on students' needs.
The training delves into class preparation and management, logistical planning, and tool implementation. It fosters an inclusive learning atmosphere, focuses on understanding learning processes in diverse target groups, and covers differentiated instructions, assessment, and evaluation.

Finally, cultural competence and addressing stereotypes are emphasised thanks to the capability to recognise and challenge biases and stereotypes, promoting cultural competence and creating an inclusive, respectful educational environment.

These training aspects contribute to a holistic approach to inclusive teaching, preparing participants to foster social inclusion through innovative learner-centred methodologies.

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

PROMOTING INCLUSIVE TEACHING:

Fostering Social Inclusion and Integration through Innovative Learner-Centred Approach

Course ID 64424

Learning Objectives

1. Inclusive Teaching for Student Integration in Classes

- Analyze various strategies and methods to understand the key features of effective and inclusive teaching for integrating students into classes.
- Identify and apply specific strategies to promote students' integration in an inclusive learning environment.

2. Inclusive Lesson Planning: Methods and Techniques

- Learn how to plan an inclusive lesson by applying various methods and techniques to be used in the classroom.
- Demonstrate the ability to create lesson plans that consider the diverse needs of students, incorporating inclusive methodologies.

3. Classroom Management and Inclusive Teaching

- Develop and implement inclusive lessons through effective classroom management.
- Demonstrate proficiency in class management, logistical organization, and tool implementation to foster an inclusive learning environment.

4. Learning Processes in Diverse Target Groups

- Increase awareness of diverse learning needs, practically apply inclusive strategies, and develop the ability to consider cultural sensitivity in teaching practices.

5. Communication, Conflict, and Resolution Management

- Through practical, interactive activities, acquire verbal and non-verbal communication competencies and conflict and resolution management within an educational setting.

6. Creation of an Inclusive Teaching Portfolio

- Practical examples of adapted instructional materials, differentiated activities, and inclusive classroom interactions.
- Opportunities for personal reflections on professional growth in student-centred teaching skills..

Methodology

The training uses a face-to-face approach to enhance group interaction and collaboration. It combines traditional lectures for foundational knowledge, brainstorming sessions, hands-on "Learn by Doing" activities, and group work to explore best practices. This diverse methodology ensures participants actively engage with theoretical concepts, share experiences, and apply inclusive teaching strategies in a practical, collaborative setting.

PROMOTING INCLUSIVE TEACHING:

Fostering Social Inclusion and Integration through Innovative Learner-Centred Approach

Course ID 64424

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the actual training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- It includes knowledge assessments during the training through quizzes, practical exercises, collaborative projects, active in-class participation and peer feedback sessions. The evaluation format measures participants' readiness to integrate research-based teaching methodologies effectively into diverse classroom settings.

Final Assessment

The participants are expected to design and draw up the first draft of an inclusive lesson or class activity, including all key elements. A multiple-choice test on the topics addressed is administered.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

BUILDING TOMORROW'S INNOVATORS

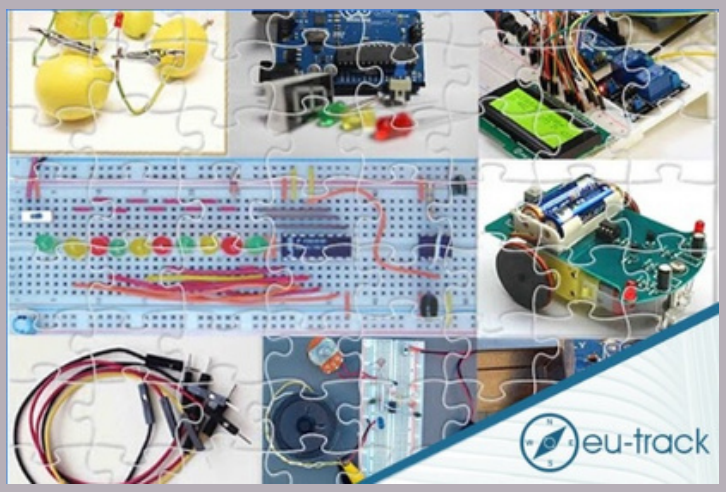
Integrating Educational Robotics into the Classroom

Course ID 111573

Dive into computational thinking and robot creation through hands-on exercises with tools like Arduino, Micro-bit, and Scratch. Transform your teaching and inspire your students with cutting-edge robotics methods.

Target group:
Principals, Teachers, and Professionals

Participants:
Max 10



Description

Our training program is designed for school teachers who want to enhance their ability to introduce educational robotics into their classrooms. It focuses on developing computational thinking and coding skills while providing in-depth knowledge of key robotics elements.

Participants will gain hands-on experience with platforms like Arduino, Micro-bit, and Scratch and learn how to implement these tools in their teaching practices effectively. The course includes theoretical insights, simulations, and practical exercises to help educators integrate robotics activities, from unplugged exercises to actual robot creation.

The training aligns with educational objectives to foster a scientific-technological culture and promote conscious behaviour among students. It encourages personalized learning processes and multidisciplinary approaches, empowering students to become active learners and creators of their knowledge.

Additionally, the program addresses essential digital competencies, including coding, graphical interface development, understanding electronic principles, and creating advanced algorithms for robot movement. It contributes to teachers' personal and professional growth by enhancing algorithmic thinking, problem-solving, teamwork, self-control, and critical thinking skills. T

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

BUILDING TOMORROW'S INNOVATORS

Integrating Educational Robotics into the Classroom

Course ID 111573

Learning Objectives

1. Computational Thinking Mastery

- Engage in unplugged activities, honing their computational thinking skills and grasping the features and examples of this crucial cognitive process.

2. Coding and Programming Proficiency

- Acquire coding and programming skills using diverse software applications, enhancing proficiency in coding language and algorithmic procedures.

3. Integration of Robotic Elements for Scientific Learning

- Utilise robotic elements, such as Micro-bit and Arduino IDE, to enrich the learning experience in scientific subjects and projects, fostering a multidisciplinary approach.

4 . Personalised Learning Processes

- Equip educators with strategies to personalise learning experiences, tailoring educational robotics activities to individual student needs and preferences.

5. Pedagogical Overview in Educational Robotics

- Deepen understanding of pedagogical implications and recommendations for teaching educational robotics, exploiting its potential to enhance student engagement and motivation, thereby becoming effective facilitators of knowledge-building processes.

6. Builders of Knowledge Empowerment

- Foster participants' ability to guide students in becoming active builders of their knowledge through interactive and engaging educational robotics projects.

Methodology

The training methodology is crafted to provide a rich and engaging learning experience for participants, focusing on the mastery of educational robotics. Delivered face-to-face, this approach is chosen to maximise the benefits of group dynamics, encouraging robust discussions, simulations, and collaborative activities. Frontal lessons serve as a foundation, delivering essential knowledge, while brainstorming sessions stimulate creative idea generation. The emphasis on 'Learn by Doing' through hands-on activities and practical/laboratory tasks allows participants to translate theoretical concepts into tangible skills. This allows them to deal with diverse learning styles, guaranteeing that participants acquire theoretical knowledge and practical skills in educational robotics through interactive and engaging practices.

BUILDING TOMORROW'S INNOVATORS

Integrating Educational Robotics into the Classroom

Course ID 111573

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the actual training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- It includes knowledge assessments during the training through quizzes, practical exercises, collaborative projects, active in-class participation and peer feedback sessions. The evaluation format measures participants' readiness to integrate educational robotics effectively in the classroom.

Final Assessment

The participants are expected to design and realise a robot with motors and sensors. Their handling will occur through the commands formulated through algorithms and connections to the PC via Bluetooth or WiFi.
In addition, a multiple-choice test on the topics addressed is administered.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

AR FOR ENGAGEMENT

Empowering students' motivation and learning with Augmented Reality.

Course ID 197276

Immerging you in VR-AR applications that make learning active and engaging. Gain practical skills through theory, simulations, and hands-on exercises to boost student motivation and transform classroom experiences.

Target group:
Principals, Teachers, and Professionals

Participants:
Max 10

Description

This training program is designed to equip educators, teachers, and professionals with the skills to use augmented reality (AR) in education effectively. It starts by building a solid foundation in AR, including its fundamental principles and how it differs from other technologies like Virtual Reality. Participants will gain an understanding of AR's advantages and limitations in the educational context, learning to identify the best scenarios for its application to enhance learning outcomes.

The program emphasizes empowering educators to use AR to boost student learning and motivation. Participants will explore pedagogical principles and strategies to create effective AR-based instructional designs. This aspect of the training helps educators align AR activities with educational goals and curriculum objectives, ensuring AR is used to its full potential in the classroom.

Finally, the course provides hands-on experience designing and implementing AR-based activities that promote active student engagement, collaboration, and critical thinking. Educators can create dynamic and motivational learning environments by developing these skills, making AR a valuable tool in their teaching practices.

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

AR FOR ENGAGEMENT

Empowering students' motivation and learning with Augmented Reality.

Course ID 197276

Learning Objectives

1. Improving Educational opportunities: Virtual Reality vs Augmented Reality

- Learn the educational benefits and immersive features of VR and AR.
- Compare VR and AR for enhancing learning and engaging students.

2. Learning about AR features and examples

- Understand the key features and applications of Augmented Reality (AR) technology.
- Learn how AR overlays virtual elements in the real world, altering user interaction.

3. Managing AR digital resources in an educational setting

- Learn to effectively manage and integrate Augmented Reality (AR) resources in educational settings.
- Discover strategies for curating and using AR content to enhance teaching and learning.

4. Finding AR resources and devices to exploit in the classroom

- Familiarize educators with different Augmented Reality (AR) tools, applications, and devices.
- Understand the features, benefits, and educational applications of various AR resources.

5. Facilitating deeper learning with Augmented Reality

- Explore how AR deepens learning and fosters critical thinking.
- Examine AR's role in creating immersive, engaging learning environments.

6. Teachers' Tips to Exploit the Potentialities of AR in the Classroom - Learning Scenario

- Provide practical tips and skills for effectively using Augmented Reality (AR) in the classroom.
- Equip educators to design engaging, immersive learning scenarios with AR technology.

Methodology

This training adopts a face-to-face delivery method to enhance group discussions and collaborative activities. The methodology incorporates frontal lessons for foundational knowledge, brainstorming for creativity, and learning by doing through practical exercises. Group collaboration is facilitated by working in groups, encouraging collective problem-solving. Practical and laboratory activities provide hands-on experiences, ensuring participants gain both theoretical understanding and practical skills in utilising Augmented Reality (AR) in education. This diverse approach aims to accommodate various learning styles and equip educators with the tools for effective AR integration in their teaching practices.

AR FOR ENGAGEMENT

Empowering students' motivation and learning with Augmented Reality.

Course ID 197276

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the actual training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- It includes knowledge assessments during the training through quizzes, practical exercises, collaborative projects, active in-class participation and peer feedback sessions. The evaluation format measures participants' readiness to integrate augmented reality into different subjects and classes.

Final Assessment

The participants are expected to design a lesson plan or class activity, integrating AR and a multiple-choice test on the topics is administered.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

AI-ENHANCED LEARNING

Strategies for Modern Educators

Course ID 4094003

Unlock the power of AI in education with our course for teachers. Learn to create personalized learning experiences and enhance student engagement using cutting-edge AI tools.

Target group:
Principals, Teachers, and Educators

Participants:
Max 10

Description

This training program is designed to equip educators, teachers, and professionals with the skills to harness artificial intelligence's (AI) educational potential effectively. It begins by building a foundational knowledge of AI, helping participants understand its core principles and distinguishing its unique capabilities from other educational technologies.

Participants will gain insights into AI's benefits and limitations, enabling them to identify scenarios where AI can effectively enhance learning experiences.

The program also focuses on empowering educators to leverage AI to boost student engagement and personalize instruction. By exploring pedagogical strategies and best practices, participants will learn how to design AI-driven learning experiences that align with curriculum objectives and educational goals.

Additionally, the training emphasizes developing critical evaluation skills, allowing educators to select and implement the most appropriate AI tools for specific teaching contexts. The participants will have the expertise to create dynamic, AI-enhanced learning environments that foster collaboration, critical thinking, and active student participation.

Duration

The course duration is 6 days (n. 5 hours/per day from Monday to Saturday).

Language

The course will be available in English and Italian.

AI-ENHANCED LEARNING

Strategies for Modern Educators

Course ID 4094003

Learning Objectives

1. Understanding Core AI Concepts

- Explore the fundamental principles of AI and its applications in education.
- Learn key AI technologies and their impact on enhancing teaching and learning.

2. Evaluating AI Tools

- Assess various AI tools for their effectiveness in meeting educational objectives.
- Compare features and functionalities of AI applications to select the best fit for classroom needs.

3. Integrating AI into Lessons

- Develop strategies for incorporating AI technologies into lesson plans and activities.
- Align AI tools with curriculum standards to support educational goals.

4. Personalizing Learning Experiences

- Utilize AI to tailor educational content to individual student needs and learning styles.
- Adapt instructional methods based on AI-driven insights to enhance student engagement.

5. Enhancing Student Engagement with AI

- Implement AI-powered tools to increase student motivation and participation.
- Use AI analytics to monitor and improve student engagement levels.

6. Measuring Learning Outcomes with AI

- Analyze data from AI tools to evaluate their impact on student performance.
- Refine teaching strategies based on AI-driven data insights to improve educational outcomes.

Methodology

This training employs a blended delivery method to maximize engagement and hands-on learning. It includes interactive workshops and live sessions for foundational knowledge, complemented by collaborative discussions to foster creativity. Participants will engage in practical exercises and simulations, allowing them to apply AI concepts in real-world scenarios. Group activities encourage shared problem-solving and idea exchange, while hands-on projects provide direct experience with AI tools. This varied approach caters to different learning styles, ensuring educators develop both theoretical insights and practical skills for integrating AI effectively into their teaching practices.

AI-ENHANCED LEARNING

Strategies for Modern Educators

Course ID 4094003

Monitoring and Evaluation

Monitoring:

- Before the mobility, the participant will fill out an online questionnaire prepared by the hosting organisation to define the actual training needs.
- During the training, the participant will be monitored through peer reviews, simulation, completed tasks and projects, and consultations with the mentor/teaching staff at the hosting organisation.

Evaluation Format:

- The evaluation format includes knowledge assessments through quizzes, practical exercises, and interactive projects. Peer feedback sessions will provide insights into their collaborative and problem-solving skills. This comprehensive approach measures participants' readiness to integrate artificial intelligence effectively into their teaching practices and adapt it to various subjects and classroom settings.

Final Assessment

Participants are expected to create a lesson plan or class activity that integrates AI tools. They will also complete a multiple-choice test covering key AI concepts and applications.

Certification

The Hosting Organisation implements the recognition procedure for the training contents delivered and achieved.

Successfully overcame the evaluation procedure before, during, and at the end of the training, the participants will receive an attendance certificate including detailed information about the course, e.g. title, program, and schedule by the hosting provider.

Besides, a Europass Mobility Certificate is added on request of the sending organisation.

Price

480,00 euros per person.

The accommodation is not included in the course price. However, special offers are available on request.

SCHEDULED DATES

Here you will find the available dates for each course.

Mastering Project Success

On request

Multimedia Learning Environment

2024: 11-16 November 2024

2025: 20-25 January/ 17-22 March/ 07-12 July/ 04-09 August/10-15 November

2026: 26 -31 January/ 23-28 March/ 13-18 July/ 17-22 August/16-21 November

2027: 25-30January/ 22-27 March/ 12-17 July/ 09-14 August/15-20 November

Strategic School Excellence

2024: 18-23 November

2025: 03-08 February/14-19 July/17-22 November

2026: 09-14 February/20 -25 July/23-28 November

2027: 08-13 February/19 -24 July/22 -26 November

Bringing Research into the Classroom

2024: 04-09 November

2025: 03-08 March/ 21-26 July/ 18-23 August / 03-08 November

2026: 02-07 March/ 27 July - 01 August/ 24-29 August / 09-14 November

2027: 01-06 March/ 26-31 Jul/ 23-28 August / 08-13 November

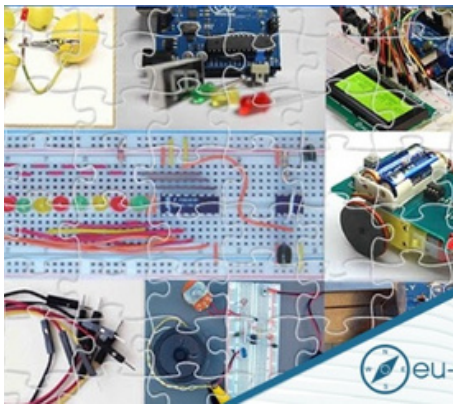
Promoting Inclusive Teaching

2024: 14-19 October/ 25-30 November

2025: 10-15 March/ 16-21 June/ 13-18 October/ 24-29 November

2026: 09-14 March/ 22-27 June/ 19-24 October/ 30 November - 05 December

2027: 08-13 March/ 21-26 June/ 18-23 October/ 29 November - 04 December



Building Tomorrow's Innovators

2024: 21-26 October/ 09-14 December

2025: 09-14 June/28 July - 02 August/ 20-25 October/ 15-20 December

2026: 15-20 June/ 03-08 August/ 26-31 October/ 14-19 December

2027: 14-19 June/ 02-07 August/ 25-30 October/ 13-18 December

AR for Engagement

2024: 07-12 October

2025: 10-15 February/ 21-26 April/ 23-28 June/ 28 July - 02 August/ 16-11 October

2026: 09-14 February/ 20-25 April/ 29 June-04 July/ 24 - 29 August/ 12-17 October

2027: 08-13 February/ 19-24 April/ 28 June-03 July/ 23 - 28 August/ 13 -18 October

AI-Enhanced Learning

2024: 16-21 December

2025: 27 January-01 February/ 31 Marzo-05 April/ 05-10 May/ 02 -07 June/ 08-13 September/01-06 December

2026: 19-24 January/ 16-21 March/ 11-16 May/ 08- 13 June/ 14-19 September/02-07 November

2027: 18-23 January/ 05-10 April/ 31 May - 05 June/ 13- 18 September/ 01-06 November

APPLY NOW

THANK YOU

eu-track

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