SMA CITE
Enhancing skills for smart city tech

Unlock the Future with Smart Cities Pilot Training

Are you ready to soar into the future of Smart Cities? Join us for an exciting Smart Cities Pilot Training and be at the forefront of technological advancement!

Who Should Attend

Students from **VET schools**
Students from **universities**
Professionals from **public sector**
Professionals from **enterprises**

Why Choose Our Training

- **Free**: There are no fees for participation in the training.
- **Cutting-Edge Curriculum**: Stay ahead of the curve with our up-to-date training materials.
- **Hands-On Experience**: Get practical exposure to the latest Smart City enabling technologies.
- **Horizontal skills**: Gather soft, entrepreneurial, and green skills that are in high demand.
- **Networking Opportunities**: Connect with professionals and experts in the field.

REGISTRATION

Limited seats available!
Reserve your spot today.

Deadline:
15/01/2024

Email:
Maria Rigou (**rigou@ceid.upatras.gr**), Vasileios Gkamas (**gkamas@ceid.upatras.gr**)

Express your interest here >

http://bit.ly/smacite

Prerequisites

As the training is conducted in English, you should have good knowledge of English. It is also recommended to have good knowledge of basic ICT concepts (including software, hardware and programming).

About us

The pilot training is being delivered by the Erasmus+ project "SMACITE - Boosting the technical and non-technical skills and competences of Smart City technicians and engineers" (Project Number: 101052513).

The project aims to address the skills gap of Smart Cities technicians and engineers by creating an education and training program based on a novel and multi-disciplinary curriculum combining digital skills on Smart Cities enabling technologies, with soft, entrepreneurial and green skills.

To learn more about the project please visit **https://smacite.eu/** and follow us on social media (LinkedIn, X, Facebook).

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BASSCOM Bulgarian Association of Software Companies
Comunidad de Madrid
European **DIGITAL SME** Alliance
ESI European Software Institute Center Eastern Europe
GAIA CLUSTER ICTA

OLYMPIC TRAINING & CONSULTING
POLITEKNIKA TXORIERRI
Universidad de Alcalá
UNICERT Universal Certification Solutions
UNIVERSITY OF PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΔΥΤΙΚΗΣ ΑΤΤΙΚΗΣ UNIVERSITY OF WEST ATTICA

What to Expect

During the training the following online lessons will be provided to be build your digital and horizontal skills:

DIGITAL SKILLS

Smart Cities

Smart Cities. Become familiar with the general architecture of Smart Cities solutions as well as with the essential technological tools that allow these isolated solutions to work in complex Smart City applications.

Cloud Computing

Acquire knowledge and skills on different Cloud Computing solutions, highlighting their advantages and disadvantages for each use case.

Internet of Things

Understand what the Internet of Things is, its different technological blocks and how it can be utilized to develop Smart City solutions.

Data Analytics and visualizations

Harness the power of data to make informed decisions and drive city-wide improvements.

Machine Learning with Big Data

Become familiar with machine learning technologies and uncover the role of Artificial Intelligence in optimizing urban processes.

Cybersecurity

Become familiar with cybersecurity concepts, technologies, capabilities and use cases especially in the Smart Cities domain.

Drones

Understand the main principles and underlying technologies for Aerial Unmanned Vehicles together with their application in Smart Cities.

3D printing

Become familiar with 3D modeling, design, and printing, as well as its applications in the context of Smart Cities.

Blockchain

Understand the main principles of Blockchain technology and how it can play a key role in achieving efficient urban management in modern cities.

Autonomous Vehicles

Acquire knowledge about the main concepts and technologies utilized by autonomous vehicles.

HORIZONTAL SKILLS

Soft skills

Equip learners with skills that will enable them to navigate their environments, be flexible, communicate and work well with others, perform well, and achieve their goals.

Entrepreneurial skills

Become familiar with the conceptual framework, content, and operating environment of entrepreneurship, as well as with the fundamentals of business development.

Green skills

Acquire knowledge about circular economy principles, energy preservation, and waste management practices.

You can choose 1 or more courses on the digital and horizontal skills you prefer to attend.

When and how the training will be delivered

The training will be delivered in 2 phases, starting in **February 2024**:

Phase 1: Online asynchronous courses on digital skills at MOOC (February – April 2024).

Phase 2: Online synchronous courses on horizontal skills at Virtual Worlds (April – June 2024).

Certification

Upon successfully completing each online course you will get a **Certification of Attendance**. To successfully complete an online course, you should achieve at least 70/100 points as a final grade in the course.

You will also be able to participate in online exams leading to the **Smart Cities Specialization Certification for Technicians and Engineers**. The only requirement for participation in the online exams is to successfully complete the Smart Cities course + 1 additional course on digital skills + 1 course on horizontal skills.