

## “Piloting a MOOC for Smart City professionals”

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HOCHSCHULE DER WIRTSCHAFT  
FÜR MANAGEMENT  
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# Agenda

- Smart DevOps MOOC: Structure and Timeline
- Sneak preview of a Smart DevOps MOOC module
- Registration is open and free!

# Piloting Smart DevOps MOOC



Week	Starting Date	Module
1	19/10/2020	Creativity
2	26/10/2020	DevOps Basic Concepts, Culture and Practices
3	2/11/2020	Entrepreneurial Thinking
4	9/11/2020	Basic Concepts of Cloud Computing
	9/11/2020	Basic Concepts of Data Analytics
5	16/11/2020	Project & Process Management (part 1)
	16/11/2020	Stakeholder Management
6	23/11/2020	Ability to Learn
	23/11/2020	Ability to Work in Teams
7	30/11/2020	<b>Reflection Week</b>
8	07/12/2020	Strategic Vision
	07/12/2020	Smart Cities Platforms
9	14/12/2020	Basic Concepts of Internet of Things
	14/12/2020	Social Skills
10	04/01/2021	System and Software Architecture
	04/01/2021	Smart Cities Business models and Financial Management
11	11/01/2021	<b>Reflection Week</b>

test

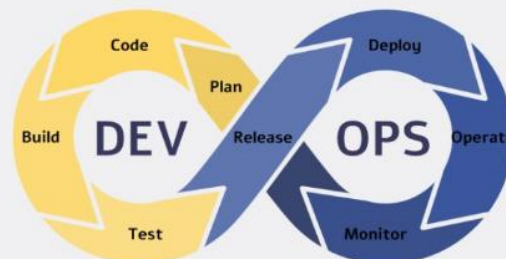


## Week 1 - Creativity



0% complete

## Week 2 - DevOps Basic Concepts, Culture and Practices



22% complete

## Week 3 - Entrepreneurial Thinking



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## Week 4 - Basic Concepts of Cloud Computing



## Week 2 - DevOps Basic Concepts, Culture and Practices

### Description, Learning Objectives and Outcomes

### Teaching Material

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#### Introduction to DEVOPS

This unit introduces learners to basic concepts of DevOps approach. It presents DevOps principles and main concepts.

The presentation aims at introducing to learners to DevOps approach.

It includes:

- Software development methodologies;
- IT operation methodologies;
- Development, Release, and Deployment Concepts;
- Infrastructure concepts;
- Cultural concepts;

#### What is DevOps? - In Simple English (Video)

This unit introduces learners to basic concepts of DevOps approach. It presents DevOps principles and main concepts.

This LO introduces to the learners the DevOps approach. It includes:

- Software development methodologies;
- IT operation methodologies;
- Development, Release, and Deployment Concepts;
- Infrastructure concepts;
- Cultural concepts;

## DevOps Tools For Beginners (Video)



This unit introduces learners to DevOps tools ecosystem.

This is a video introducing DevOps ecosystem and tools.

It includes introduction to tools for :

- Version control;
- Development environment;
- Configuration management;
- Infrastructure automation;
- System provisioning;
- Test and build automation;
- Monitoring;

## Formative/Summative Assessments

### Assessment Test A

Due 3 November 2020

 0 of 2 Attempted



### Assessment Test B

Due 3 November 2020

 0 of 2 Attempted



### Assessment Test C

Due 3 November 2020

 0 of 2 Attempted

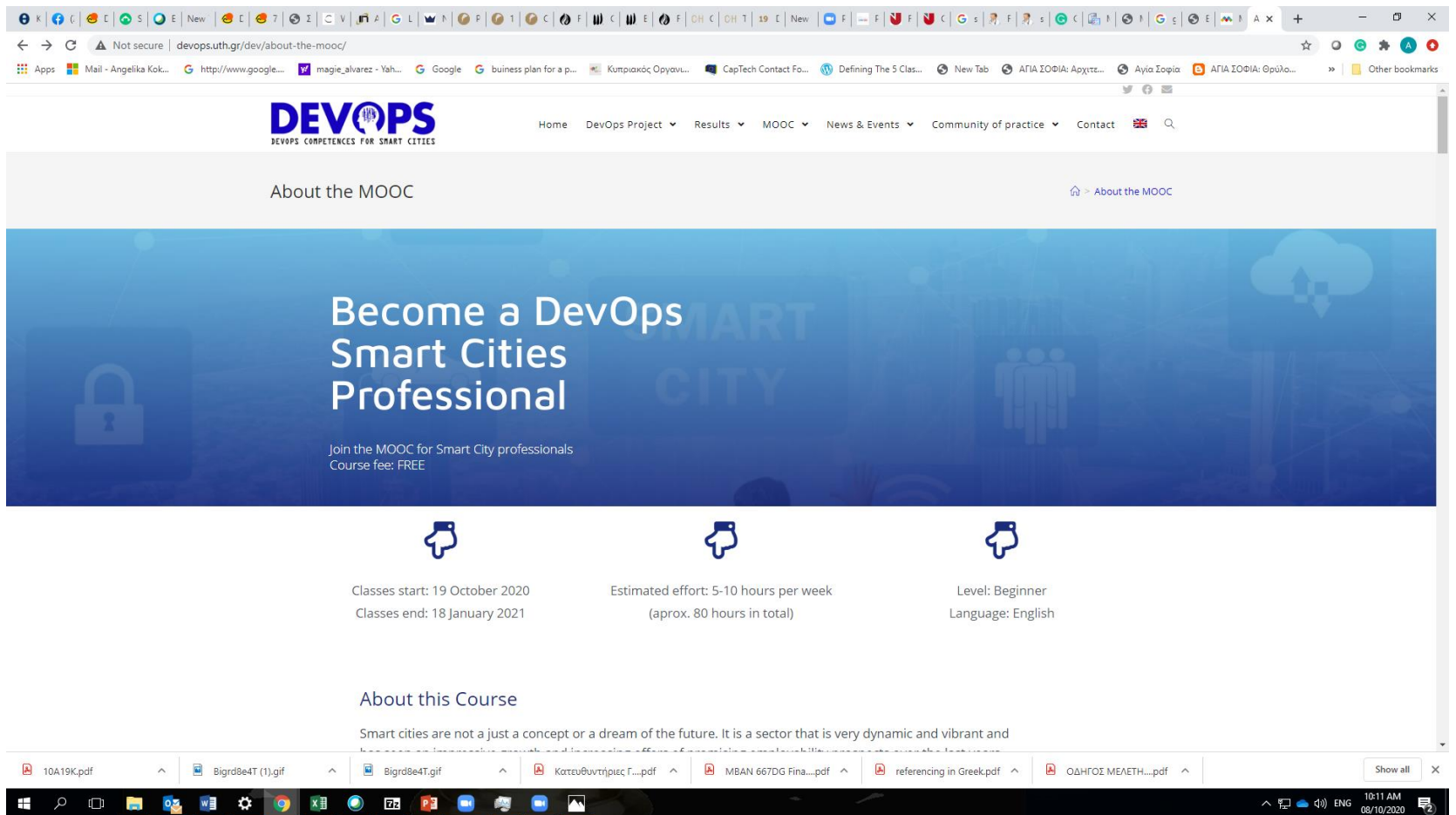


**Registration is open and free!**



<https://devops.uth.gr/dev/mooc-registration/>





The screenshot shows a web browser displaying the DevOps MOOC website. The browser's address bar shows the URL `devops.uth.gr/dev/about-the-mooc/`. The website's header features the DevOps logo and a navigation menu with links to Home, DevOps Project, Results, MOOC, News & Events, Community of practice, and Contact. The main content area is titled "About the MOOC" and features a large blue banner with the text "Become a DevOps Smart Cities Professional". Below the banner, it states "Join the MOOC for Smart City professionals" and "Course fee: FREE". Three key details are highlighted with icons: "Classes start: 19 October 2020", "Classes end: 18 January 2021", "Estimated effort: 5-10 hours per week (aprox. 80 hours in total)", "Level: Beginner", and "Language: English". The footer section is titled "About this Course" and begins with the text "Smart cities are not a just a concept or a dream of the future. It is a sector that is very dynamic and vibrant and". The browser's taskbar at the bottom shows various open applications and files, including PDFs and GIFs.

DEVOPS  
DEVOPS COMPETENCES FOR SMART CITIES

Home DevOps Project Results MOOC News & Events Community of practice Contact

About the MOOC

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About this Course

Smart cities are not a just a concept or a dream of the future. It is a sector that is very dynamic and vibrant and



# Thank you for your attention!

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