

## CERTIFICATE OF COMPLETION

### Administering School ICT infrastructure: developing your knowledge and skills

21st November 2016 - 12th February 2017



### European Schoolnet Academy

This is to certify that

**Kondylo Glarou**

has successfully completed Administering School ICT infrastructure: developing your knowledge and skills course on the European Schoolnet Academy

Brussels, 12/02/2017

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#### Course details

Dates: 21st November 2016 - 12th February 2017

Duration: 18 hours

Description: <http://www.europeanschoolnetacademy.eu/web/administering-school-ict-infrastructure-developing-your-knowledge-and-skills>

Organiser: EUN Partnership aisbl (known as European Schoolnet), Rue de Trèves 61, B-1040 Brussels

## Course contents



### Module 1: Optimising your school network

In this module, you heard from your colleagues about the infrastructure they manage and develop in their own school  
Improved and deepened your knowledge and understanding of networking principles (IP networks, routing and switching, addressing...) You heard from experts about best practices and guidelines to design and develop your current school network (sizing, design, Ipv6...) and reflected about possible improvement to your current setup.



### Module 2: Wireless Networking and Bring Your Own Device

The course participant who has successfully passed this module has achieved the following learning outcomes:

1. Hear from your colleagues about how they deployed wifi network in their own school
2. Improve and deepen your knowledge and understanding of wireless networking principles (network design, sizing, and coverage security)
3. Hear about the general principles behind BYOD, the challenges, and the technical solutions,
4. Hear from your colleagues about how they introduced the BYOD approach, the difficulties they faced, the solutions they came up with.



### Module 3: Moving to the cloud

The course participant who has successfully passed this module has achieved the following learning outcomes:

1. Improve and deepen your knowledge and understanding of cloud principles, opportunities and pitfalls, models, and platforms
2. Hear from your colleagues why and how they decided to move to the Cloud
3. Elaborate a first draft of a IT development plan for your school



### Module 4: Security and safety

The course participant who has successfully passed this module has achieved the following learning outcomes:

- To learn more about the technical aspects of security
- To discover how to develop safe behaviours
- To share and solve problems related to security and safety in schools.

The topics covered include:

- Technical issues: securing the school ICT environment and protecting it from threats
- The human factor: policies and practices
- Could your school be awarded an eSafety Label?

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### Module 5: The effective ICT administrator

The course participant who has successfully passed this module has achieved the following learning outcomes:

1. Hear ICT administrators talking about their school setting, role and responsibilities
2. Discuss with others your own role
3. Take part in problem-solving activities
4. Think about your own professional development



### Module 6: New tools and services

The course participant who has successfully passed this module has achieved the following learning outcomes:

1. Discover trends in educational technology and key emerging technologies
2. Learn about the Internet of Things from a leading expert
3. Share and explore new tools and services appearing in leading edge classrooms, e.g. Virtual Reality, robotics, MakerSpaces, coding, wearables, and implications for ICT administration
4. Find out about apps that enable students with special needs and disabilities to access learning
5. Get advice on completing the course assessment – a school ICT development plan.