



Advanced Cybersecurity Training for Teachers (ACTT)

An advanced course for teachers, teacher educators and other education practitioners who want to ensure safety in online learning

January 23 - February 17, 2023

Level: Introductory

Fees: Free

Duration: 4 weeks

Time commitment: 4 - 6 hours per week

Language of instruction: English

Requirements: Successful completion of Cybersecurity Training for Teachers (CTT) course or possession of basic cybersecurity skills. Internet connection, computer/smartphone.

Course Description

The shift to online learning and teaching has drawn increasing attention to the cyber risks likely to be faced in a learning institution. In recent times, cybercriminals have disrupted learning using various attacks, including ransomware, Zoom bombing, denial of service, and data theft. It is, therefore, crucial for educators to be cognisant of these threats and be equipped to defend against them. The Advanced Cybersecurity Training for Teachers (ACTT) course is designed to provide teachers, teacher educators and education practitioners with superior knowledge necessary to protect themselves and their students online, as well as create awareness for parents and other stakeholders in digital learning. The course enables participants to proactively protect the digital spaces they use to engage with learners and also adopt good practice for a safe and effective online learning experience.

Learning Outcomes

After completion of this course, the participants should be able to:

- **Outline** the advanced cyber attacks that may be encountered while teaching online and apply the appropriate mitigations.
- **Employ** various techniques to protect data created and processed by learning institutions from alteration, loss, and unauthorised access.
- **Apply** advanced techniques in online communication, personal security, and device security.
- **Appraise** the benefits of emerging technologies in digital learning and how to use them securely.

Course Topics

1) **Advanced Cyber Attacks in Online Learning**

2) **Protecting Data**

3) **Securing Online Communication and Learning Devices**

4) **Cybersecurity Concerns in Emerging Educational Technologies**

Target Audience

Teachers in primary and secondary schools, teacher educators and other education practitioners.

Course Resources

Participants will learn from articles, case studies, videos, practical activities, and webinars, as well as discussions with fellow learners and mentors.

Certification

A Certificate of Completion will be awarded to those who complete all tasks in the course.

Registration

To register for the course, please visit:
www.mooc4dev.org/ACTT3

"True cybersecurity is preparing for what's next, not what was last" – Neil Rerup, President and Chief Architect, ECSA, Canada.

Contact us:
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