



TeacherFutures

Advanced Cybersecurity Training for Teachers (ACTT)

Feb 08 - Mar 05, 2021



Target Audience

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

Course Resources

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

Certification

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

Level: Advanced

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 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 shift to online learning and teaching has exposed learning institutions to greater cyber risks than before. 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. This advanced course enables participants to proactively protect the digital spaces they use to engage with learners and also adapt 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

01	Advanced Cyber Attacks
02	Data Security
03	Advanced Personal / Host Security
04	Cybersecurity Concerns in Emerging Technologies

Contact:

For more information:

Visit the course home page at: <https://www.mooc4dev.org/AdvancedCTT1>

Email: actt@colfinder.org

Visit us at: www.col.org/teachereducation

“Education, both conception and delivery, must evolve quickly and radically to keep pace with digital transition. Education is a part of the digital equation.”

- Stéphane Nappo, Global Head Information Security for Société Générale International.