

**Abstract/Proposal Title:**

An overview of security and forensic issues pertaining to e-learning systems

**Abstract/Proposal description:**

With the proliferation of e-learning as an increasingly more important tool in educational and training programs, it is increasingly more important to frequently re-think security and forensic issues pertaining to e-learning systems. E-learning and specifically e-assessments could have a significant impact on the reliability and integrity of qualifications

Cheating is a common and sad reality amongst students. The specific component of the e-learning system that possibly creates additional risks is the e-assessment component.

This paper gives an overview of security issues that should be addressed in the development and implementation of e-learning tools. It also addresses forensic readiness issues for e-assessments that could help in detecting cheating and collecting relevant evidence for every e-assessment. Security and forensic issues are addressed from various perspectives including technical, organisational, social and student-related.

**Implications for Practice:**

This paper is important as a roadmap towards building and implementing trustworthy e-learning systems. All relevant stakeholders of educational and training processes that incorporates e-learning as a tool, could benefit from this paper.

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