A Review on Cyber Security

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"Cybersecurity, within the context of road vehicles, is the protection of automotive electronic systems, communication networks, control algorithms, software, users, and underlying data from malicious attacks, damage, unauthorized access, or manipulation."

Abstract: *Virtual simulation experiment teaching is an important content of higher education information construction and experimental teaching demonstration centre construction, and is the product of the deep integration of discipline and information technology. At present, traditional crimes in China are gradually shifting to the Internet, and cybercrimes are frequently and frequently occurring, seriously endangering national security, social order and people's interests. The forging of a team of high-quality professionals in network security and law enforcement is the inevitable path to effectively crack down on network crimes and realise the comprehensive governance of network crimes, and also provides a new examination question for the teaching of network security law enforcement. In view of the network security law enforcement routine practice teaching cannot cover all types of the experiment, especially some reach or irreversible operations (such as electronic data on-site inspection, etc.), and need high cost, large comprehensive experiments training (such as a variety of types involved network crimes probing experiment, etc.), virtual simulation experiment teaching has become an important method in the teaching of network security law enforcement Therefore, combining with the characteristics of network security law enforcement major, exploring the establishment of virtual simulation experimental teaching platform for network security law enforcement plays a crucial role in the teaching of network security law enforcement experiment and practical training.*

Keywords: Cyber Security.

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