

HOMELAND SECURITY (HLSC)

HLSC 710 Contemporary Issues in Cyber Security and WMD (CBRNE) Threat Analysis 3 Credit Hour(s)

Online Prerequisite: CJUS 801

This course will teach the student to identify the ways that cyber technology can be used by terrorists and criminals. Students completing this course will be able to appraise and assess the potential of different kinds of cyber and WMD attacks. Cyber and WMD threats and proliferation of WMD present challenges to homeland security and create legitimate concerns about our Nation's ability to prevent cyber and WMD attacks. The course examines technological advancements and the opportunities they present for terrorists and other hostile actors, as well as how one can devise plans, countermeasures, and contingencies against cyber and WMD attacks.

Offered: Online

HLSC 720 Critical Infrastructure: Vulnerability Analysis and Protection 3 Credit Hour(s)

Online Prerequisite: HLSC 710

This course explores the assessment and management of risk. Focuses on analytical techniques that assess risk; the primary application will be threats to critical infrastructure. Students will learn to conduct a risk and vulnerability analysis of a specific target, city, or region using various assessment techniques and to manage that risk by assessing the efficacy of both prevention, mitigation, and response measures. The techniques covered will be both quantitative and qualitative.

Offered: Online

HLSC 730 Counterterrorism and Counterintelligence Strategies 3 Credit Hour(s)

Online Prerequisite: HLSC 720

Counterintelligence (CI) and Counterterrorism (CT) provides students with insight on the homeland security threats we face today with emphasis on terrorism and espionage. The tasks of CT and CI are particularly analysis-intensive. It requires its practitioners to employ a melded set of analytical tools and interoperable capabilities. This objective can be complicated by the fact that many CT and CI operations might involve several entities, including both the Intelligence Community and counterterrorism efforts. This course will explore how to create unified, integrated, and multi-disciplinary CT and CI analysis programs that make the best use of all available resources.

Offered: Online