

## **HARMONIZED THREAT VULNERABILITY RISK ASSESSMENT (HTVRA)**

<b>DATES</b>	<b>LOCATION</b>	<b>COST</b>
April 20 – 22, 2020	TBD Halifax	3 Days \$2,200 + HST
October 5 – 7, 2020	Metcalfe Hotel / Lord Elgin Hotel Ottawa	3 Days \$2,200 + HST

**COURSE SUMMARY** *(This course is one of the essential courses required for **certification and designation as a Security and Resilience Professional/Manager** under the Infrastructure Resilience Research Group, IRRG, Office of the Dean, Faculty of Engineering and Design, Carleton University.)*

**This course is an important and mandatory tool for any security professional.** Based on a Government approved methodology and leading research, this training has been designed to the next evolution in threat risk assessment.

The course provides a comprehensive project plan to conduct a Harmonized Threat, Vulnerability and Risk Assessment (HTVRA) that aligns with an organization's strategic planning and reporting framework using an all-hazards approach.

Course participants will acquire an in-depth understanding of both qualitative and quantitative approaches to risk calculation through the HTVRA methodology.

This course covers, in detail, all phases of the process:

- Preparation;
- Asset Identification and Valuation;
- Intelligence Collection;
- Physical and cyber assets;
- Cross-domain interdependencies
- Risk Calculations, and
- Recommendations to Senior Executives.

Course modules include:

- I. Threats and Risks Assessment Overview
- II. Methodology
- III. Identification and Valuation
- IV. Threat Assessment Residual Risk

## INFRASTRUCTURE RESILIENCE RESEARCH GROUP

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The final results from the process provides senior decision makers with a clear and sound understanding of the actual risk profile of their organization which they can either choose to accept or, pursuant to the process driven recommendations, take the necessary steps required to reduce risks to an acceptable level.

The HTVRA framework provides security professionals with a flexible, modular and scalable process that achieves greater consistency and transparency in the completion of an empirically based Threat Risk Assessment.

At the end of the course, you will be able to:

- Understand key elements and importance of HTVRA methodology, and
- Use open source analysis and intelligence, security protocols, and business continuity and emergency plans.

***Upon the successful completion of this training, the course participants will be issued an IRRG certificate, indicating that they have acquired the required knowledge and expertise to complete HTVRAs***

Who should attend:

**Security professionals**, from Government and the Industry, responsible for conducting or managing Threat Vulnerability Risk Assessments, as well as with an interest in advancing their professional careers.

**Senior Managers** responsible for implementing Threat Risk Assessments within their organization.

**Generalists** interested in understanding the HTVRA process and its importance to an organization's security and resilience.

**COURSE INSTRUCTOR:**

- Raymond Lampron (CD, RMC, CPP), President, SITERA Global Security Solutions

*February 2020*