



## PCIP Foundations (PCIP-F) Course

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***"I completed the 12-day Professional in Critical Infrastructure Protection (PCIP) designation through RiskLogik and was impressed with every aspect of the program."***

***The instructors are all highly-experienced experts in their respective fields and did an outstanding job of conveying, refining and validating the key concepts and methodologies required to grasp CIP ...***

***RiskLogik, backed by the Critical Infrastructure Institute, is a first-rate organization, delivering better than industry-standard training."***

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# PCIP-F Course Description

PCIP-Foundations is an intensive 10-day course designed for Security and Resilience Professionals responsible for planning the resilience and security of complex sites, enterprises and organizations. Going beyond Harmonized Threat/Risk Assessment, this course approaches critical infrastructure protection planning from first principles and techniques, teaching a syllabus endorsed by the **Register of Security Engineers and Specialists (RSES)**, an international specialist professional register administered by the **Institution of Civil Engineers**. Graduates are eligible for entry to RSES at any grade commensurate with their academic qualifications and responsible experience.



# PCIP-F Course Objective

PCIP-Foundations qualifies graduates to produce fully elaborated and auditable Critical Infrastructure Resilience and Protection plans under the leadership of a qualified practitioner. Further training in the following areas is available:

- Infrastructure Resilience Technical Systems
- Infrastructure Resilience Implementation
- Security, Resilience and Protection Management
- Cyber Resilience
- Risk Modeling and Analysis tools and techniques

## PCIP-F Graduates Learn These Processes

- Conduct CI Mission Analysis
- Conduct CI Initial Geospatial Analysis
- Generate and Maintain the Calculation Plan
- Conduct CI Risk Analysis
- Define and map CI Interdependencies (Consequence Mapping)
- Conduct CI Options Analysis (including financial)
- Generate a Concept of Operations Report
- Present and Defend Findings for Audit
- Identify Technical Systems Requirements
- Initiate Implementation Project Management

## PCIP-F Graduate Capabilities

Upon course completion, PCIP graduates offer the following capabilities:

- Analyze an organization to determine its inherent risk
- Use an all-hazards approach to determine threats to the organization
- Examine both protection and resilience measures and determine mitigation options
- Analyze options to mitigate threats and determine costs and residual risk
- Recommend sustainable costed options



- Present findings and recommendations in auditable format

## PCIP-F Distance Learning

PCIP-F Distance Learning covers the following elements which are used during the practicum:

- Infrastructure Resilience Process Guide IRP Guide
- Hostile Vehicle Mitigation
- Human Security
- Information Systems Security/Cyber Resilience
- Physical Boundary Security
- Blast Mitigation
- Surveillance Systems and Lighting
- Security Integration

## PCIP-F Course Delivery and Cost

### **Distance Learning Component**

- 20 hours Distance Learning

### **Residence Component**

- 10 day residency course in at RiskLogik in Almonte (Including 4 Day Practicum)
- Certification Exam (Maximum 6 months after course)

### **Examination**

- 3 hour written exam administered by RSES Examiner
- Competency evaluation on practicum

### **Cost**

- \$9,500 plus \$500 exam fee

### **Registration site**

- <https://www.regonline.ca/builder/site/Default.aspx?EventID=1813863>

