

July 22-24, 2025

# PROTECTIVE KNOWLEDGE<sup>TM</sup> COURSE

PROTECTION IN HIGH THREAT ENVIRONMENTS<sup>TM</sup>







# Bend OREGON

THE VENUE

Surrounded by mountains and the Deschutes River, Bend, Oregon, is a vibrant city where nature and innovation thrive. With a lively downtown, craft breweries, and endless outdoor adventures, it's the perfect setting to network, forge valuable connections, and exchange ideas while exploring the latest in protective design.







**THIS IS NOT AN  
ENGINEERING CLASS  
FILLED WITH CHARTS,  
DIAGRAMS AND  
FORMULAS...**

We strongly believe that 'seeing is believing' and , therefore, we have incorporated live demonstrations of blast, ballistics, and forced entry events. Students will be able to inspect the specimens before and after to better understand the concepts presented in the classroom portion.

This is a class filled with practical information, based on our years of industry experience, that students can use the minute they walk out the door. We will walk you through understanding the implications of the different types of threats your organization may be facing, the dynamics of an explosion (as it relates to you and your facilities), terminology that is often thrown around during design and security meetings, and how typical building construction protects/does not protect against your threats.



A large, billowing cloud of brown dust and debris from an explosion fills the upper half of the page. In the background, a small building and a concrete structure are partially visible through the haze.

# Course CONTENTS

## **Threats**

Past, present, and future

## **Security and safety**

Industry standard criteria and guidelines

## **Anatomy of an explosion**

What you need to know

## **Anti-ram perimeters**

Needs, requirements, and design options

## **Myth-busting**

Frequently misunderstood concepts

## **Blast injuries**

How to create designs that reduce injuries

## **Process of protection**

Identifying the need through implementation

## **Conventional construction types**

Strengths and weaknesses

## **Pros and cons**

Traditional vs. innovative retrofits

## **Assessments**

What they are and what they are not





# STUDENT

## CHAPTER

This year, we're excited to expand the course to include graduate and postdoctoral students, offering a unique chance to engage with industry experts and see live demonstrations of cutting-edge protective technologies. It's a fantastic way to bridge the gap between academia and industry.

Are you looking to dive deeper into blast dynamics, ballistics, forced entry, and more? Our Protective Knowledge Course is the perfect opportunity to gain hands-on experience and connect real-world applications with your academic knowledge.

## Good news - Student pricing!

### Limited seats available

To qualify for student pricing, you must:

- 1) Be currently enrolled in a higher education institution.
- 2) Be currently enrolled as a full-time Master, PhD or Post-Doctoral student in civil, mechanical, structural engineering, or a related field.
- 3) Submit a scientific poster to be displayed during the 3-day class.

If you are interested in this opportunity, please reach out to us at [training@StoneSEng.com](mailto:training@StoneSEng.com).





# STUDENT

## CHAPTER

### TRAVEL AWARD

Students may apply for a travel award to help cover transportation costs. Travel award is limited to one recipient.

**Domestic travel:** \$400

**International travel:** 600\$

Requirements:

- 1) CV (Curriculum Vitae).
- 2) Statement of interest detailing your research work and how attending PKC25 will benefit you.
- 3) Letter of recommendation from an advisor, mentor, or supervisor.
- 4) Valid PKC25 registration (early-bird or advanced fee must be paid prior to application).

Application Deadline: May 16, 2025.

Award notification: May 23, 2025.

If you are interested in this opportunity, please reach out to us at [training@StoneSEng.com](mailto:training@StoneSEng.com).





# AGENDA

July 22-24, 2025

## TUESDAY

MORNING

**LIVE DEMONSTRATIONS**

BALLISTICS, FORCED ENTRY

AFTERNOON

**PLENARY LECTURE**

**HAPPY HOUR**

## WEDNESDAY

MORNING

**LIVE DEMONSTRATIONS**

DRONES

AFTERNOON

**PLENARY LECTURE**

## THURSDAY

MORNING

**LIVE DEMONSTRATIONS**

LARGE SCALE EXPLOSIVE THREATS

AFTERNOON

**PLENARY LECTURE**

**CLOSING SESSION**



Breakfast and lunch will be provided each day.  
Round-trip transportation to the testing arena is included.



# REGISTRATION

THROUGH APRIL 1

## EARLY BIRD

Industry Professional	<b>\$3950</b>
Government / NGO	<b>\$3600</b>
Student	<b>\$400</b>

THROUGH JUNE 1

## ADVANCED

Industry Professional	<b>\$4300</b>
Government / NGO	<b>\$3850</b>
Student	<b>\$600</b>

## REGULAR

Industry Professional	<b>\$4500</b>
Government / NGO	<b>\$4100</b>
Student	<b>\$800</b>



Breakfast and lunch will be provided each day.  
Round-trip transportation to the testing arena is included.



# KEY DATES

**April 1**

Early-bird fee  
registration

**May 15**

Student travel award  
application deadline

**May 23**

Student travel award  
announcement

**May 31**

Advanced fee  
registration deadline



**July 22-24, 2025**

**WE LOOK FORWARD TO SEEING  
YOU IN BEND!**

Keep an eye in our [website](#) and [LinkedIn](#) pages for more information.  
If you have any questions, please reach us at [training@StoneSEng.com](mailto:training@StoneSEng.com)

