



BLAST AND IMPACT EFFECTS AND ANALYSIS 2024

Short Course

FROM THE 09TH TO THE 13TH OF SEPTEMBER

Military Academy
Lisbon, Portugal

PROGRAMME

- EU framework for critical infrastructure protection (CIP)
- Vulnerability analysis in critical infrastructures
- Blast effects and blast loading calculations
- Impact effects and loading calculations
- Single degree of freedom analysis method
- Steel and reinforced concrete design
- Glass design
- Response of Ultra-High-Performance Concrete (UHPC) to projectile impact
- Vehicle ramming attacks – protective barriers and energy absorption systems
- Glass analysis under impact loading



WHO CAN ENROLL?

- Military engineering cadets
- Engineering students
- Engineering professionals
- Military engineering officers
- Other professionals working on the field of blast and impact effects and analysis



LOCATION

Portuguese Military Academy
Rua Gomes Freire
1169-203 Lisbon, Portugal

REGISTRATION OPTIONS

Free – Military personnel (cadets and officers) and Erasmus students

50€ – Engineering students

400€ – Engineering and other professionals

(Coffee break and lunches included)

(Military personnel and Erasmus students can apply for accommodation subjected to the available capacity)

APPLICATIONS

Applications open until July 19th



For more information, please contact us by emailing ccpi@academiamilitar.pt

Organization:



Partner Institutions:

