



BLAST AND IMPACT EFFECTS AND ANALYSIS 2023

Short Course

FROM THE 04TH TO THE 08TH OF SEPTEMBER

Military Academy
Lisbon, Portugal



PROGRAMME

- EU framework for critical infrastructure protection;
- 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 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.

APPLICATIONS

Applications are open until July 15.

For more information, please contact
us by emailing:

ccpi@academiamilitar.pt



Organization:



Partner Institutions:

