

TECHNOLOGIES AND EQUIPMENT

As a Singapore Combat Engineer, you won't just be using standard gear; you'll be mastering cutting-edge technologies that are specifically customised to meet the unique needs of every mission. This ensures you have the flexibility and efficiency required for everything from navigating the most complex terrains to providing critical support in the heat of combat.



Armoured Engineer Vehicles (AEV)

Master the armoured "swiss-army knife" of the battlefield. The AEV combines robust protection with powerful engineering capabilities to expediently support operations. Its modular design allows for quick adjustment, enabling you to smash through obstacles or create critical access points rapidly.



Mobility 3rd Generation (M3G) Military Float Bridge

Own the water with the M3G, an amphibious powerhouse built for speed. Whether you're operating it as a high-speed raft or connecting to build a massive bridge, this platform ensures our forces cross any water obstacle without breaking a sweat.



Remote Operating Vehicle (ROV)


Hone your robotics control and defuse threats from a safe distance using the ROV. This remote-operated robot is your go-to for high-stakes surveillance and neutralising explosive threats. It's the ultimate tool for staying ahead of danger.





Find out more about our career schemes.

 The Singapore Army

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 Singapore Army

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COMBAT ENGINEERS

Defusing explosive situations
is your regular.

Discover how a career in
Combat Engineers is
**ANYTHING BUT
REGULAR**

ABOUT COMBAT ENGINEERS

Forget the regular desk job. As a Singapore Combat Engineer, you physically shape the ground our soldiers operate on, so that our Army can move and operate safely.

Combat Engineers are the first on the ground when speed matters most. You clear blocked routes, build bridges, strengthen defences, and turn difficult terrain into safe paths forward. Just as importantly, you can deny the enemy movement — turning their routes into "NO-GO" ground. You decide where forces can move, and where they cannot.

Combat Engineers are also trained to handle Chemical, Biological, Radiological, and Explosive threats, using specialised tools, robots, and remotely operated systems to detect hazards and reduce risk to people. From protecting major national events to removing dangerous threats, you help keep soldiers and civilians safe — even from dangers they may never see.

Combat Engineers is work with real impact. Every route cleared, bridge built, and threat removed has a direct impact on how safely others can operate. It is a role that demands judgement, discipline, and responsibility because lives and missions depend on it.

go.gov.sg/armycareers

OUR SINGAPORE
ARMY
READY DECISIVE RESPECTED

UNIQUE OPPORTUNITIES

PEACETIME OPERATIONS

Play a vital role in homeland security, protecting high-profile national events and ensuring the city stays safe. Working alongside other elite agencies, you'll be ready to respond instantly to Chemical, Biological, Radiological, and Explosive threats, making a real-world impact every day.



Responding to Chemical Threats

OVERSEAS TRAINING AND EXERCISES

Take your skills to the world stage. You will train alongside international forces and top-tier Subject Matter Experts to sharpen your expertise. Whether it's Exercise Wallaby in Australia or specialized EOD courses in the US, you'll gain experience that few others can claim.



Exercise Wallaby – Australia



US EOD Course

ROLES AND SPECIALISATIONS



FIELD ENGINEERS

You don't just follow the map, you redraw it. As a Field Engineer, you are a master of explosives and heavy equipment, trained to physically change the ground to support the mission. You clear blocked routes, breach obstacles, build bridges and defences, and restore access in tough, dangerous conditions. Your work allows our forces to move, fight, and operate safely — while limiting where and how the enemy can act. The results of what you do are immediate, visible, and decisive.



ARMoured ENGINEERS

Armoured Engineers combine heavy protection with powerful engineering vehicles to operate at the very front of the battle. Inside armoured platforms, you push through rubble, breach obstacles, clear blocked routes, and secure paths under fire — right alongside tanks and frontline forces. Working in close coordination with Main Battle Tanks, you make sure they can keep moving when terrain would stop them. When progress must not stall, Armoured Engineers keep the force going forward.



BRIDGING ENGINEERS

Water isn't a barrier — it's ground waiting to be crossed. As a Bridging Engineer, you build floating bridges and operate specialised boats and rafts to move soldiers and vehicles swiftly across rivers and waterways. Using advanced platforms like the M3G bridging system, you turn wide gaps into fast, secure crossings that keep the Army moving. Where others see limits, you create new routes — and decisive advantage.

ROLES AND SPECIALISATIONS



EXPLOSIVE ORDNANCE DISPOSAL (EOD) ENGINEERS

Explosive Ordnance Disposal specialists handle the Army's most dangerous threats. You are trained to locate, identify, and safely deal with unexploded bombs and improvised explosive devices. Working methodically and calmly under pressure, you protect soldiers and civilians by removing explosive hazards before they can cause harm. When every second and every decision matters, EOD is the role that keeps people safe and operations moving.



CHEMICAL, BIOLOGICAL AND RADIOLOGICAL DEFENCE (CBRD) ENGINEERS

CBRD Engineers protect against threats you cannot see — but cannot ignore. Trained to detect and neutralise chemical, biological, and radiological hazards, you safeguard soldiers and civilians at major national events and in high-risk operations. Using specialised equipment and calm, disciplined action, you keep people safe when the environment itself becomes dangerous.

COMMONLY ASKED QUESTIONS

DO I NEED TO BE AN ENGINEERING BACKGROUND TO JOIN THE SCE?

Nope! We welcome everyone regardless of academic background. In Combat Engineers, we provide progressive training to equip you with skillsets to perform your task.

CAN I BE TRAINED IN MORE THAN ONE SPECIALISATION IN COMBAT ENGINEERS?

Of course you can. In Combat Engineers, we aim to expose everyone to more than one specialisation in the early stage of their career.