



# IQARUS IMMERSIVE TRAINING CENTRE

ANY SCENARIO.

ANYWHERE IN THE WORLD.

DELIVERED IN ONE PLACE.

[ CONFLICT ]



[ CLIMATIC EXTREMES ]



[ REMOTE ]



[ MAJOR INCIDENT ]



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WANT TO  
KNOW HOW  
YOUR PEOPLE  
WILL REACT  
IN A SITUATION?  
TRAIN THEM IN  
THAT SITUATION.

Hostile, remote, offshore, major incident, climatic extremes. Whichever environment your medics are going to be operating in, we can bring it to the training room. Our ground-breaking, fully immersive training centre creates a unique learning experience capable of strengthening resilience and equipping your personnel to succeed under pressure.

## ULTIMATE TRAINING FOR EXTREME SITUATIONS

Located in Hereford, UK, our adaptive environment offers the most realistic training facilities anywhere in Europe. Featuring 8,000 sq. ft. of dynamic simulation space, you can set your own agenda and create a bespoke casualty scenario to suit your organisational needs. From a road traffic collision to a bomb-ruined street, this multi-layered space boasts solid buildings and natural environments surrounded by CCTV and audio-visual enhancements.

## WHERE 'GROUND TRUTH' MEETS THE TRAINING ROOM

We'll put your learners right in the heart of the action with explosive special effects, authentic soundtracks, professional actors and anatomically accurate prosthetics, all while simulating the climatic extremes of the arctic, desert or jungle. We've considered every detail – from the language on the labels in our 'shop' to the mulch on the 'rainforest floor' – to get your people in the zone in an instant.

The result is a unique training experience that allows the individual, the team or the commander to trial new skills, drills and techniques. Test your people at the level they need to be tested if they are to thrive in the most challenging environments – and do it with minimal risk.

Create your own training experience, set the casualty parameters to suit you and your team, and start delivering new standards in field care.

## NEXT-GENERATION TRAINING TAILORED TO YOUR OPERATIONAL OBJECTIVES

When it comes to monitoring and reporting, we've installed overhead drones and HD CCTV throughout. Medics can be left to deal with casualties without the 'safety net' of instructor influence, while state-of-the-art cameras and two-way communications allow detailed observation from an overhead gantry. The recorded footage may be used to document Learners' performance for later review and reflection.

## OUR TEAM

We value the practical experience gained by our trainers during regular deployment. We consider operational currency essential to ensuring the appropriate design and delivery of training.

We continue to evolve and adapt to the ever-changing world of training and currently offer 12 core courses, whilst also offering tailored training based on specific needs. We provide international accreditations, affiliations, training governance, and conceptualise, develop and manage virtual, online, and physical training programmes.

We appreciate that not everyone can come to Hereford, so our dedicated trainers can also travel to any location, delivering training globally.

# A TRAINING EXPERIENCE FOR WHEN 'MAYBE' JUST ISN'T GOOD ENOUGH



## PRE-DEPLOYMENT TRAINING

The Iqarus Immersive Training Facility provides the ideal environment to conduct practical pre-deployment training, with 8000m<sup>2</sup> of adaptable urban environment, encompasses fully functioning buildings, collapsed structures, pyrotechnics, simulated weapons, radio communications, discrete low light video and infra-red audio-visual recording systems to assist with debriefing. The entire facility may be configured within 30 minutes to accurately simulate North West Europe or the Middle East / North African (MENA) locations, and is supported by extensive classrooms individual skills training rooms, briefing facilities, environmental simulation suites (Arctic Jungle and Desert), a dedicated command and control centre fully equipped with radio, telephone and computer communications as well as live video feed from the ongoing incident. Iqarus actors, drawn from a diverse cadre of former military and police personnel, as well as a wide demographic of ages genders nationalities and attitudes and equipped with appropriate uniforms and equipment add the required depth to ensure absolute realism to training.

Situated within a gated compound with appropriate access control and security, the facility also benefits from the amenities of the local area, providing ample opportunity for vehicle movement and navigation on a variety of road types and surfaces, as well as rapid and easy external training areas sufficiently large to mount large scale exercises.

Iqarus' immersive training centre is specifically designed and staffed to conduct fully immersive training, with sufficient real estate, facilities and personnel to accommodate students throughout the delivery of training.

## HOSTILE ENVIRONMENT AWARENESS TRAINING (HEAT)

Hostile Environment Awareness Training (HEAT) is designed to prepare personnel who will be travelling to, or living in remote, austere and hazardous environments. This pioneering course builds upon comprehensive theoretical instruction, delivering generic safety procedures and country specific information in our comfortable and well equipped classrooms, to provide learners with the opportunity to put theory into practice during scenario training and assessment in the immersive training centre.

On completion of the course, individuals will be able to recognise and mitigate threats to their safety and security, enabling them to operate effectively and with confidence in a variety of environments.

### LEARNING OBJECTIVES:

- Risk Assessment & Mitigation Workshop
- Situation Awareness
- Weapons Awareness
- Armoured Vehicles
- Working with Security Teams
- Types of Ambush & Cross Over Drills
- Minefields Awareness
- Personal Protective Equipment
- Grab Bag
- IED Awareness
- Reaction to Mortars, Rockets & Small Arms
- Kidnap for Ransom
- Hostage Survival Techniques
- Surveillance
- Separation from Security
- Hostile and Remote Medical Training

### LOCATION:

Courses can be delivered at our UK immersive training centre and at clients' facilities internationally

### PRE-REQUISITES:

Written and spoken English to CEFR Level B2 Standard.

### INSTRUCTOR TO LEARNER RATIO:

To provide the very best experience, Iqarus adhere to a One (1) Instructor to a maximum of Six (6) learners on all security courses.

### DELEGATE NUMBERS:

A minimum of six delegates are required to attend the course.

“It’s just a note to say that over the last 10-years of doing courses, I have not come across something of this standard. The facilities and the immersive nature of the program are excellent. But most of all, I want to thank the trainers, you and the technician running the simulation facility. The standard of teaching in this course was excellent; the willingness to engage in conversation, take time on topics, and the focus on the practical application versus the theory was invaluable. I also loved having the combo of a civilian paramedic and a military medic. They are both utter gems whose knowledge is brilliant. You should also be applauded for your willingness to support Dyslexic learning. This is to say a huge thank you to you and the team. You are a cut above what everyone else is doing right now. And all lovely humans.”

— **Writer and Producer**

## MIRA (MEDICINE IN REMOTE AREAS)

Created by us in 2004, the MIRA course provides students who already have experience in pre-hospital care with the added skills and knowledge to be able to deal with casualties in a remote environment. The week culminates in an exciting and challenging fully immersive final exercise.

Students will cover a range of topics including:

- Management of traumatic injuries
- Oxygen therapy
- Airway management, including surgical airways
- Management of thoracic trauma
- Haemorrhage control
- Shock and fluid replacement (I.O)
- Flora and fauna

### QUALIFICATION:

Endorsed by the Royal College of Surgeons (Edinburgh).

Conforms to the requirements of the Pre-Hospital Emergency Medicine (PHEM) Framework descriptor D - for nationally certificated non healthcare professional providers caring for patients as a secondary role, i.e. Police Officers in specialist roles, Fire Service IEC, equivalent UKSAR trained personnel, Enhanced Community First Responder.

## MEDICINE IN REMOTE AREAS REFRESHER

Sharpen skills, reinforce knowledge and bring students back up-to-speed with this three-day course. This short course has been created for those with a valid and in-date MIRA certificate.

### QUALIFICATION:

Endorsed by the Royal College of Surgeons (Edinburgh).

Conforms to the requirements of the Pre-Hospital Emergency Medicine (PHEM) Framework descriptor D - for nationally certificated non healthcare professional providers caring for patients as a secondary role, i.e. Police Officers in specialist roles, Fire Service IEC, equivalent UKSAR trained personnel, Enhanced Community First Responder.

## FIRST RESPONSE EMERGENCY CARE LEVEL 3 (FREC3) RQF

The leading qualification for events cover, the Quallsafe First Response Emergency Care (Level 3 RQF) covers the full range of skills required by the HSE for first aid, and more.

The Quallsafe First Response Emergency Care (Level 3 RQF) is a regulated and nationally recognised qualification, ideal for those looking to work or volunteer as a first responder.

Among the first to arrive at a scene, First Responders typically include law enforcement officers, firefighters, and those providing medical cover for festivals and events such as Emergency / Community First Responders, Door Supervisors, Close Protection Operatives and Security Guards as well as those in high-risk environments including the military, power stations, agriculture, and manufacturing.

For those with further ambitions, this course also forms the first step of a programme to become a Paramedic in 2 years.

### QUALIFICATION:

Accredited by Quallsafe. Recognised on the UK Regulated Qualifications Framework at Level 3.

## QA LEVEL 4 CERTIFICATE IN FIRST RESPONSE EMERGENCY CARE (RQF)

The QA Level 4 Certificate in First Response Emergency Care (RQF) is a regulated and nationally recognised pre-hospital care qualification. The course is specifically designed for those looking to work within the NHS or private ambulance services as an emergency care assistant, intermediate ambulance practitioner, event medical provider, associate practitioner, or healthcare assistant. It is also ideal for those looking to work within specialist roles in the military, police and fire services.

Applicants must have completed the QA Level 3 Certificate in First Response Emergency Care (RQF) to undertake this course. This qualification provides learners with a wider scope of practice in pre-hospital care emergencies, allowing for greater employment opportunities. It also forms part of a progressive suite of pre-hospital care qualifications that lead to the QA Level 6 Diploma in Paramedic Practice (RQF).

The course is run over 5 days, fulfilling the competencies set out in the PHEM skills framework at descriptor level E, this qualification provides learners with the knowledge and skills needed to be able to respond to a wide range of pre-hospital care emergencies, such as: major incidents, fracture immobilisation, sick and injured children, mental health crisis and more.

## LONE TRAVELLER AWARENESS COURSE

International travel is a feature of modern life for all of us, from the gap year student to the executive business traveller.

Despite being commonplace, travel to unfamiliar environments can expose people difficulty and discomfort, ranging from embarrassment, financial and business loss to severe health risks. Even the most seasoned traveller will benefit from the Iqarus Lone Traveller Awareness training, this short, enjoyable and accessible programme will give a practical understanding of safe travel including the diverse global cultural norms, appropriate dress and behaviour, personal security, travel and hotel safety, internet and media security, health protection and even efficient packing advice.

The course is suitable and relevant for all travellers, from gap year students, adventurers and business frequent fliers.

## MOET (MEDIA OPERATIONS EMERGENCY TRAINING)

Originally designed to cater to the need of news and media personnel operating in the extreme environments of conflicts and natural disasters, the MOET course is eminently suitable for any individual operating in a small team in hostile or conflict areas.

Recognising the threat often faced by journalists, our former Special Forces medical experts designed this new training course to offer the ultimate protection. The MOET course provides full capability including training, equipment and enduring clinical support. The training syllabus includes:

- Ballistic trauma
- Road traffic collision
- Acute coronary events
- Infections
- Travellers' diarrhoea
- Diabetes / hypoglycaemia
- Climatic injuries

QUALIFICATION: N/A

## ONLINE TRAINING

We offer a selection of online training courses to raise awareness, build capability and support operations. These include:

- Dive Medicine
- Advanced Cardiac Life Support
- Disease prevention including malaria and Congo Crimean Haemorrhagic Fever
- Incident management including Hydrogen Sulphide and Ammonia release immediate action

COURSE DURATION:  
modular learning

QUALIFICATION: N/A

**Bespoke courses  
available on request**

**Call:**  
+44 1432 355964

**Email:**  
education@iqarus.com

## TACTICAL COMBAT CASUALTY CARE (TCCC)

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Evidence-based, life-saving techniques and strategies for providing the best trauma care on the battlefield. The course content and structure can also be modified for close protection and law enforcement personnel.

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### QUALIFICATION:

NAEMT TCCC Provider  
Certificate, 19 CPD Points



“Some of the best medical training I have received since joining the Army. Excellent!”

— Army Medic

### PRE-HOSPITAL TRAUMA LIFE SUPPORT (PHTLS)

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Developed by NAEMT, this course promotes excellence in trauma patient management through global education.

Based on a pre-hospital trauma care philosophy that stresses the treatment of a trauma patient as a unique entity with specific needs, PHTLS courses improve the quality of trauma care and decrease mortality. The programme is recognised around the world as best in class.

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**QUALIFICATION:**  
NAEMT PHTLS Provider  
Certificate, 19 CPD Points

### CPD STUDY DAY ADVANCED TRAUMA ASSESSMENT & MANAGEMENT

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A 1-day CPD course on advanced trauma assessment and management. Content includes a comprehensive trauma specific primary survey and practical assessment skills for trauma patients along with theory and practical sessions for intra-osseous and emergency surgical airways. Practical scenarios will be used to consolidate skills learnt.

This is ideal refresher training open to all Emergency Services and Health Care Professionals who are looking to update their CPD's and practice their trauma skills.

### CPD STUDY DAY WOUND ASSESSMENT & MANAGEMENT (INCLUSIVE OF SUTURING)

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The Wound Assessment & Management (Inclusive of Suturing) course is open to Registered Medical Professionals & Combat Medical Technicians (Class 1).

A 1-day CPD course covering all aspects of wound assessment and management. You will be taught how to assess a wound for closure or referral, wound closure methodology and how to assess nerve/tendon function. Practical skills stations will include suturing, gluing, steri-strips and stapling.

This is ideal for professionals looking to refresh their minor injury skills and to ensure they are aware of latest developments and techniques.

We are authorised to deliver qualifications on behalf to the Royal College of Surgeons England, Royal College of Surgeons Edinburgh, National Association of Emergency Medical Technicians, American College of Emergency Physicians, American Heart Association, the Advanced Life Support Group, Quallsafe and the UK Health and Safety Executive.



“After initially approaching an ambulance service for this training and having Iqarus recommended as better, I am very impressed with the level of training above and beyond the required level”.

— NHS Paramedic

# BRINGING THE

HUMANITARIAN CRISIS  
CLIMATIC EXTREMES  
REMOTE LOCATIONS  
MAJOR INCIDENT  
BATTLEGROUND

# TO THE TRAINING ROOM

IQARUS IMMERSIVE TRAINING CENTRE

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