

## Advanced Chemical and Biological Integrated Response Course (ACBIRC) – Technician Level

*Delivered by U.S. Army Dugway Proving Ground (DPG), Special Programs Division (SPD)*

### COURSE DESCRIPTION

This course is designed to provide students with hands-on problem-solving opportunities regarding chemical and biological incident response. This course will introduce topics and information, provide laboratory experiences, and culminate with a free-play exercise to practice concepts taught in the classroom and laboratory. Dugway Proving Ground (DPG), West Desert Test Center (WDTC) Special Programs Division (SPD), currently provides many of the Nation's protectors with state-of-the-art advanced Chemical and Biological Counter-Terrorism courses. These Ph.D.-taught courses provide lectures and hands-on training in chemical and biological environments, focusing on agent characteristics, sampling, protection, detection, decontamination, and signatures. Onsite courses allow students to work in a controlled environment with live agents in biological level 2 and 3 laboratories, and to research, develop, test, and evaluate (RDTE) solutions in certified chemical facilities. Biological and chemical simulants laced with tracers are used to enhance practical exercises for real-time readings and realism of the training.

### COURSE OBJECTIVES

- ❖ Provide a hands-on training environment, focused on chemical and biological detection, signature, and sampling, for first responders in order to enhance their readiness to respond to a domestic chemical or biological terrorist attack.
- ❖ Provide opportunities to participate in realistic practical exercises to test tactical skills in the detection, forensic sampling, and packaging of agents in biological and chemical scenarios.

### COURSE LENGTH

40 hours

### PREREQUISITE

Participants must be certified HazMat Technicians, and have successfully completed PER-222.

### TARGET AUDIENCE/DISCIPLINE

- ❖ Hazardous Material

### CERTIFICATE

ACBIRC Certificate

### COURSE DELIVERY

Delivered at the U.S. Army Dugway Proving Ground, West Desert Test Center.

### COST

All training, course materials, equipment, and housing are free to eligible jurisdictions.