

**MINI-MEIR**  
**Medical Effects of Ionizing Radiation Course**  
**Course Schedule**  
**Reserve Officers Association**  
**21 January 03**

**21 January 03 (Day 1)**

0800 – 0810	Administrative Processing	Staff
0810 – 0940	Introduction to the Threat & Psych Factors <i>Discuss the nuclear and radiological threat and its psychological consequences.</i>	LTC Salter
0940 – 1040	Effects and Defense of Nuclear Weapons <i>Explain the effects and hazards of blast and thermal energy and fallout characteristics released from a nuclear detonation.</i>	LT Burke
1050 – 1150	Management of Internal Contamination <i>List the methods for removal of internally deposited radioactive materials in the body.</i>	COL Jacocks
1150 – 1250	Lunch	
1250 – 1350	Human Radiation Exposure Experience <i>Discuss the effects of high levels of radiation exposure, both locally and systemically, in humans.</i>	LTC Salter
1400 – 1530	Acute Radiation Syndrome & Trauma <i>Recall the underlying causes of radiation sickness. Explain the treatments available for persons affected by radiation sickness and treatments being developed.</i>	COL Jacocks
1530 – 1555	“Emergency Department Response to a Radiation Accident” <i>Recall the steps taken from the time a contaminated patient enters a hospital emergency room until their transfer or release, including wound decontamination and protection of medical personnel.</i>	REAC/TS Film
1555 – 1600	Course Summation and Critiques	Staff