

TWO DAY AGENDA

DAY ONE

Radiation and its uses
Radiation physics and terminology
Units
Radiation detection
Sources of exposure
Radiation dosimetry
Radiation biology
2.5 hours of discussion and lab to fit needs of the class

DAY TWO

Radiation protection
Radiation protection programs
Emergency response
Responsibilities for radiation safety
Transportation
Regulatory agencies and Introduction to licensing
Regulations
Regulatory inspections
2 Hours of discussion and lab to fit needs of the class

GROUP ACTIVITIES - There are 4.5 hours devoted to group activities. Some of these will include, but not limited to the following:

Proper use of survey meters
Development of a license
Written radiation safety program s
Emergency response scenarios
Calculations of dose
Leak tests/wipe tests

Other examples

Melt plans
Non-routine maintenance
Security arrangements
Package for shipment