# Learning Objectives: ANSI/ASNT CP-105- 2016 Section 2, 3

Upon completion of this unit, the student will be able to define and understand the following:

* Review of Units 1, 2, 3, 4 & 5
	+ ALARA
	+ Math Review
	+ Permissible exposure limits
	+ Radioisotopes
* X-ray
	+ KV
	+ mA
	+ time
* Shielding
	+ HVL (Half Value Layer) formula

**Learning Activities:**

* + Lecture and discussion
	+ X-ray cabinet and controls tour
	+ HVL Math Worksheets

**Learning Resources:**

* + X-ray Handout
	+ HVL Formula and online help
	+ Glossary

**Evaluation:**

* + Unit 6 Worksheet
	+ Quiz #6