# 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