# 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 & 6
  + Safety….
  + Math Review
  + X-ray Overview
  + HVL Calculations
* Biological Effects of Radiation
* RAD: Radiation Absorbed Dose
* REM: Roentgen Equivalent Man
* QF: Quality Factor

**Learning Activities:**

* + Lecture & Discussion
  + More HVL Math Worksheets

**Learning Resources:**

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

**Evaluation:**

* + Math worksheet #6
  + Article Review #7
  + Quiz #6