



## CSMP: Orientation Demo

# Scrap U Overview

- **Description**

- Scrap University is an online learning community devoted to the scrap metal business. Whether you are a seasoned veteran, a new employee, or someone looking to earn additional income, you will learn valuable information at Scrap University.

The scrap business has primarily been a 'learn on the job' industry. Thus, the training can be slow and lack continuity. Scrap University recognizes the need for proper metal sorting. Along with learning how to identify and upgrade material, you will also learn how to navigate a scrapyards and essential steps in the overall operation and commercial process.



- What is a Scrapyard

- **Description**

- A scrap yard is where the end-of-life metal comes to be processed. When looking at the three 'R's': Reduce, Reuse, Recycle is always last. When an item can not be reused, it should never be thrown in the garbage; instead, it should be taken to a scrapyard. At the scrapyard, metal will be sorted, processed, and packaged so it can be sent to be melted and made into something new.
- Entering a scrapyard can have many dangers to watch out for; metal itself can be sharp, become hot to the touch when out in the sun, or greasy and slippery. The actual yard will have mobile equipment moving around with different processes happening, so it can be dangerous to enter. It is important to always be aware and observe your surroundings.

- Unit of Measure

- **Description**

- Ferrous material is weighed by the ton (as per below), while Non-Ferrous material is weighed by the pound (North America) or KG in other countries. Each type of ton is described below.
  - Net Ton (NT) or Short Ton is the USA measurement for 2,000 pounds (907.18 kg).
  - Metric ton (MT) or tonne is the most common measurement in countries outside the USA. It is 2,204.6 pounds (1,000 kg).
  - Gross ton (GT) or Long Ton is used most often in the USA and is equal to 2,240 pounds (1,016.05 kg).

- Weight Deductions

- **Description**

- In some cases, additional weight can be found on a scale ticket known as a deduction. A weight deduction is a weight subtracted from the net weight of your material. The inspector typically estimates the deduction amount. These deductions are entered due to non-metallic (dirt, garbage, wood, water) items mixed in with the delivered material.