



HVAC – A variety of life skills to be learned.

**BRAZING** – Brazing is a joining process traditionally applied to metals (but also to ceramics) in which molten filler metal (the braze alloy) flows into the joint.

Ideal for joining dissimilar metals, brazing is a commercially accepted process used in a wide range of industries due to its flexibility and the high integrity to which joints may be produced. This makes it reliable in critical and non-critical applications, and it is one of the most widely used joining methods.



Residential Wiring – Students work on designing and building a residential wiring board

**RESIDENTIAL ELECTRICAL WIRING** is mainly wiring done in homes and is always **completely covered within sheath insulation**. This is meant to protect residents from electrical shock. From a technical aspect, most residential wiring are single phase and 120 Volts, consisting of three wires, positive, negative, and neutral.

