- Algorithm - A precise sequence of instructions for processes that can be executed by a computer
- High Level Programming Language - A programming language with many commands and features designed to make common tasks easier to program. Any high level functionality is encapsulated as combinations of low level commands.
- Low Level Programming Language - A programming language that captures only the most primitive operations available to a machine. Anything that a computer can do can be represented with combinations of low level commands.
- Tautology- all outputs are true ($p_v, \sim p$)
- Inverse- The negation of the hypothesis and conclusion ("If it rains, then they cancel school" is "If it doesn't rain, then they don't cancel school)
- Converse- the reverse of the conclusion and hypothesis ("If it rains, then they cancel school" is "If they cancel school, then it rains.")
- Conditional: if p then q, $p \rightarrow q$
  - Converse: $q \rightarrow p$
  - Inverse: $\sim p \rightarrow \sim q$
  - Contrapositive: $\sim q \rightarrow \sim p$
- Transistor: voltage controlled switch
- Daughter Board: Adding a sub board to the main