Technical Drawing Tasks

Task 01: Introduction to engineering and electrical drawing concepts

* Blueprint symbols
* How to read engineering blueprints
* How to read electrical blueprints
* Blueprint scales

Task 02: Recognize common drawing symbols

* Common electrical drawing symbols
* Other common engineering symbols

Task 03: Read engineering drawings

* How to read blueprints
  + Electrical
  + Architectural
  + Building schematics

Task 04: Introduction to Computer Aided Drafting (CAD) software

* AutoCAD
  + To deliver blueprints
  + Real property reports?
  + PV array sizing
  + schematics

Task 05: Prepare a bill of materials

Task 06: Prepare basic installation drawings using industry standard practices.

* Draw blueprints to include:
  + Electrical
  + Structural
  + Architectural
  + Others as necessary