

Power Electronics - Course Content Overview

2 parts of Course

① Build up to understanding how inverters (DC → AC ^{Power} converters)

② Develop practical knowledge about Solar installation process

- Hands on

- Rules & Regulation (NEC)
parts relevant to Solar installation

- Interconnection process (Utility zoning code enforces)

- Professional Drawing Software (CAD)

Culmination - Project

Build power conversion device

Design Solar Installation Residential or Commercial