

**ITT Technical Institute**  
**ET3380**  
**Power Electronics**  
**Onsite and Online Course**

**SYLLABUS**

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**Credit Hours:** 4.5

**Contact/Instructional Hours:** 56 (34 Theory Hours, 22 Lab Hours)

**Prerequisite(s) and/or Corequisite(s):**

**Prerequisites:** ET1410 Integrated Circuits or equivalent; ET3020 Electrical Machines and Energy Conversion or equivalent

**Course Description:**

This course introduces principles and applications of power electronics. Topics include electric power conversion, conditioning and control, power devices and switches, switching techniques, rectifiers, converters and inverters, and switching power supplies.

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# Itt Tech Study Guide

**Terry C. Jones**



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web two main categories of turbomachine are identified firstly those that absorb power to increase the fluid pressure or head ducted and unducted fans compressors and pumps secondly those that produce power by expanding fluid to a lower pressure or head wind hydraulic steam and gas turbines

