

Outline for CF8b: Transformers, Generators – 4hr

Topic	Slides	Time
Intro & Magnetic Induction	30	30
Art 240 and concepts of overcurrent	18	20
Art 240 Transformer Taps, current limitations	20	20
Transformer Terminology	14	15
Art 450 Transformer Protection	22	25
Art 250 Transformer Grounding	16	20
3 Phase Transformer Banks	27	30
Art 445 Generators & Sep Derived Systems	24	30
Grounding of Sep Derived Systems	24	30
Quiz		20
Total	195	240

Objective: Review NEC requirements sizing and protection of conductors and overcurrent devices, location, and clearances for generator, and transformer installations

Learning outcomes: Class information tested and discussed at end of class to ensure that NEC rules for sizing of Overcurrent devices and conductors are correctly applied

Instructor: Frank Seiler

I have read and understand the roster recording requirements for course sponsors
Provided with the course applications.



Revised 07/27