COURSE SYLLABUS AND CLASS SCHEDULE

Instructor: TBA
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DESCRIPTION:

ESET 0255 Electric Power Transmission and Distribution Systems: 3 semester hours.
Essential information regarding the transmission and distribution of electric power, including
components of transmission lines, transformers and switchgear, substations, and electric power
distribution systems. Wide-ranging information related to electric service loads as well as
operational aspects and costs involved in transmitting and distributing electric power. The potential
trends of electric power transmission are also discussed.

Learning Outcomes
 Upon course completion the student will be able to:
  1. Describe Transmission and Distribution systems architecture, components and their
     function
  2. Explain Power Factor and its impact on system operation
  3. Explain the basic rate base impacts of transmission and distribution

Assessment Method
  1. Classroom testing

GRADING & Attendance: A = 96-100; A- = 91-95; B+ = 87-90; B = 83-86; B- = 79-82;
               C+ = 75-78; C = 71-74; C- = 67-70; D = 66 and F=60 and below.

You can’t learn if you are not in class. Class means both the classroom and laboratory component of this course. Five
class absences could reduce your grade. If you must miss class, make prior arrangements with me to makeup missed
class work.

The course is graded on a total points basis.

REASONABLE ACCOMMODATION FOR STUDENTS WITH DISABILITIES:
The Americans with Disabilities Act of 1990 specifies that if you have a diagnosed disability, or believe that you have
a disability that might require “reasonable accommodation” on the part of the instructor in this course, you can receive
help by contacting the Director, ISU Center of Services for Students with Disabilities; 208-282-3912. It is your
responsibility to let the instructor know if you are seeking accommodation for a learning disability (such as extra time
to complete exams, note taking help, large print for exams, and so on).