

# PRINCIPLES OF POWER SYSTEM PROTECTION AND MONITORING

ELEN 4240/  
EECE 5240  
Fall-2022

image courtesy <https://www.britannica.com/technology/telecommunication>

## Why do we need to learn power systems protection and monitoring?

Power system protection and fault monitoring is a critical part of the overall power system health. In the modern power system, with its emphasis on the self-healing capabilities of the Smart Grid, the art of protective relaying schemes for power system apparatus and the integrated power system is critical to the operation of the power system.

The nature of