

Area Courses

Electric Power Systems

Fundamental Courses

EE 443 Introduction to Power Systems
 4 units

EE 444 Power Systems Technology
 4 units

EE 482 Linear Control Systems
 3 units

EE 521 Power System Analysis and Design
 4 units EE 443

SAE 515 Sustainable Infrastructure Systems
 3 units

Transmission, Distribution, and Planning

EE 524 Transients in Power Systems
 3 units EE 443

EE 526 Renewable Energy in Power Systems
 4 units

EE 525 Power Systems Protections
 4 units EE 443

High-Voltage Equipment and Design

EE 515 High-Voltage Technology
 3 units

EE 528 Power Electronics
 4 units EE 443

EE 516 High-Voltage DC Transmission Systems
 4 units EE 443

Power-System Control and the Smart Grid

EE 527 Net-Centric Power-System Control
 3 units
 EE 482 EE 521

EE 585 Linear System Theory
 3 units EE 510

EE 543abL Digital Control Systems
 a:3 units, b:1 unit EE 482

EE 593 Robust Multivariable Control
 3 units EE 482, EE 585

Legend

Grouping

EE 000 Course Title

Course Units

Recommended Prep.

Prerequisite Courses

Corequisite Courses

This chart shows course relationships

Please check the University Catalogue for specific course details including any recommended preparatory courses and Degree Requirements