# Area Courses
## Electric Power Systems

### Fundamental Courses
- EE 443 Introduction to Power Systems
- EE 444 Power Systems Technology
- EE 521 Power Systems Analysis and Design

### Transmission, Distribution, and Planning
- EE 516 High-Voltage DC Transmission Systems
- EE 524 Transients in Power Systems
- EE 526 Renewable Energy in Power Systems

### High-Voltage Equipment and Design
- EE 515 High-Voltage Technology
- EE 528 Power Electronics

### Power-System Control and the Smart Grid
- EE 482 Linear Control Systems
- EE 543L Digital Control Systems
- EE 593 Multivariable Control
- EE 527 Net-Centric Power-System Control
- EE 585 Linear System Theory

### Legend
- **Grouping**
  - EE 000 Course Title
  - Prerequisite Courses
  - Corequisite Courses

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This chart shows course relationships. Please check the University Catalogue for specific course details including any recommended preparatory courses and Degree Requirements.