## Area Courses
### Electric Power Systems

### Fundamental Courses
- **EE 443** Introduction to Power Systems
  - 4 units
- **EE 444** Power Systems Technology
  - 4 units
- **EE 521** Power System Analysis and Design
  - 4 units
- **SAE 515** Sustainable Infrastructure Systems
  - 4 units

### Transmission, Distribution, and Planning
- **EE 525** Power System Protection
  - 4 units
- **EE 526** Renewable Energy in Power Systems
  - 4 units

### High-Voltage Equipment and Design
- **EE 516** High-Voltage DC Transmission Systems
  - 4 units
- **EE 528** Power Electronics
  - 4 units

### Power-System Control and the Smart Grid
- **EE 482** Linear Control Systems
  - 4 units
- **EE 527** Net-Centric Power-System Control
  - 4 units
  - EE 585, 593, 562 or 512
- **EE 543** Digital Control Systems
  - 4 units
- **EE 585** Linear System Theory
  - 4 units
  - EE 451 or EE 510
- **EE 593** Robust Multivariable Control
  - 4 units
  - EE 587

### Legend

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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.