Electrical Engineering & Automation(Provincial Demonstration Program &National Distinctive Program by the Ministry of Education)

Program Objective: The program aims to train applied engineering and technical talents with strong practical ability and innovation spirit in the field of Electrical Engineering. Employment Prospects: Graduates are mainly engaged in Power System Operation and Control, Production and manufacture of electric power equipment, Engineering design and management, Technology research and engineering services, etc. in electric power industry and electric power equipment manufacturing industry.

1st Year	The 1st Semester	The 2nd Semester
	Comprehensive Chinese1 Chinese Culture and History Fundamental Law Advanced Mathematics1 Linear Algebra Fundamental Computer College Physics& Experiment	Comprehensive Chinese2 Advanced Mathematics2 College Physics& Experiment C Programming Mechanical Engineering Graphic & CAD Probability and Mathematical Statistics Engineering Training
2nd Year	The 1st Semester	The 2nd Semester
	Comprehensive Chinese3 Mechanical Basis Electric Circuits Electric Circuits Experiment Complex Function and Integral Transformation Electronic Craft Practice Electrical Engineering Practice	Comprehensive Chinese3 Analogue Electronics Electrical Machines Electrical Machines Experiment Engineering Electromagnetics Project: Analogue Electronics Technology Project: Engineering Electromagnetics
	The 1st Semester	The 2nd Semester

3rd Year	Chinese of Science and Technology Control Engineering Power Electronic Systems Signal & System Digital Electronics Power Systems Basics Electrical Machine Maintenance Practice Electrical Machine Testing Practice	Chinese of Science and Technology Transient Analysis of Power System Matlab Basis Electrical Equipment Microprocessor Interfacing Project: Electrical Equipment Project: Power System Analysis Electric Power Measuring Practice
4th Year	The 1st Semester	The 2nd Semester
	High Voltage Technology Power Systems Automation Protective Relaying Principle Electrical Operation Training Substation Simulation Training Grid Dispatch Practice Comprehensive Experiments of Protective Relaying Comprehensive Experiments of Smart Grid Project: Protective Relaying Principle Centralized Control Practice in Thermal Power Plant	Final Project