

Tingshua University undergraduate courses in EE	SEE's similar course	Note
<u>00220132 (Theory and Application of System Design)</u>		
<u>20220044 (Electrical and Electronic Engineering)</u>		
<u>20220053 (Electrotechnics)</u>		
<u>20220174 (Principles of Electric Circuits A(1))</u>	EE2020 - Circuit Theory 1	
<u>20220216 (Experiments for Principles of Electric Circuits B)</u>		
<u>20220221 (Experiments for Principles of Electric Circuits A)</u>		
<u>20220314 (Electrotechnics and Electronics A)</u>		For non-EE majors
<u>20220324 (Electrotechnics and Electronic Engineering B)</u>		
<u>20220332 (Principles of Electric Circuits A(2))</u>	EE2021 - Circuit Theory 2	
<u>20220353 (Fundamentals of Electromagnetic Field)</u>	EE2030 - Electromagnetics	
<u>20250064 (Fundamentals of Analog Electronics)</u>	EE2110 - Analog Electronics	
<u>30220323 (High Voltage Engineering)</u>		
<u>30220334 (Electric Machinery Fundamentals)</u>	EE3140 - Electric Machines I	
<u>30220351 (Experiments for Electric Machinery)</u>		
<u>30220363 (Automatic Control Systems)</u>	EE2100 - Automatic Control Theory I	
<u>30220372 (Programming Projects)</u>	EE3490 - Programming techniques	
<u>30220414 (Fundamentals of Power Electronics)</u>	EE3410 - Power electronics	
<u>40220063 (Fundamentals of Protective Relaying Technology)</u>	EE4040 - Power system protection and control I	
<u>40220072 (Modern Electrical Power Plant Engineering)</u>	EE4030 - The electrical part of powerplant and substations	
<u>40220301 (Recognition Practice)</u>		
<u>40220341 (Experiments for Power System)</u>	Power system laboratory I, II	
<u>40220392 (Electric Power Dispatch Automation)</u>	EE4060 - Power system protection and control II	
<u>40220412 (Microcontroller techniques and experiments)</u>	EE4222 - Microprocessors and application	
<u>40220422 (Principle & Experiment of Digital Signal Processing)</u>	EE2120 - Digital system design	
<u>40220432 (Overvoltages and Its Protection)</u>	EE5050 - High voltage engineering II	

<u>40220442 (Power System Stability and Control)</u>	EE4115 - Power system stability	
<u>40220452 (Power Electronics Simulation)</u>		
<u>40220462 (Fundamental and Application of Power Apparatus)</u>	EE4080 - Electrical Machines II	
<u>40220472 (Condition Monitoring and Fault Diagnosis of Electrical Equipment)</u>		
<u>40220502 (Lectures on Advances in Electrical Engineering)</u>	<i>Inter-disciplinary course</i>	
<u>40220590 (Comprehensive Thesis Training)</u>	EE4900, EE5010	
<u>40220653 (Signals and Systems)</u>	EE2000 - Signal and system	
<u>40220682 (Design & Analysis for Electronic Machine System)</u>	EE4211 - Electric machine design	
<u>40220692 (Introduction on Electricity Market)</u>	<i>SEE offers this course at master level</i>	
<u>40220723 (Power System Analysis)</u>	EE3425 - Electric power distribution systems EE4010 - Electrical Power Network	
<u>40220732 (Electric Drives and Control)</u>	EE3510 - Electric drives	
<u>40220742 (Analysis of Electric Machinery)</u>	EE3242, EE4211, EE5211	
<u>40220762 (Dielectric materials and insulation technology)</u>	EE4050 - High voltage Engineering I	
<u>40220772 (Microprocessor based Protective Relaying and Automatic Control Technology)</u>	EE4040, EE4060, EE4222	
<u>40220782 (Information theory and power system)</u>		
<u>40220793 (DC Power Transmission Technology)</u>	<i>SEE offers this course at master level</i>	
<u>40220802 (Power System Forecasting)</u>	<i>Partially introduced in EE414 - Power system planning</i>	
<u>40220812 (Power Transmission and Distribution)</u>	EE3425 - Electric power distribution systems EE4010 - Electrical Power Network	