



# Undergraduate Study Programme For Electronic Science and Technology

Credit

Shenzhen Technology University

Semester

	0.5	0.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
1	Situation and Policy Education I (0.5)	Sports Club I (0.5)	Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era (3)			Process of Adapting Marxism to Chinese Context and the Needs of Our Times and the Mission of Young Students (1)	College Physics B1 (3)		College Physics Experiments B1 (2)	Military Theory (2)	Military Training (2)	College English B1 (3)		German for Beginners I (5)			Advanced Mathematics A1 (6)						College Computer A (4)				Introduction of Electronics (1)													
2	Situation and Policy Education II (0.5)	Sports Club II (0.5)	Chinese Modern and Contemporary History (3)			Ideology Morality and Rule under the Law (3)			College Physics B2 (3)		College Physics Experiments B2 (3)	College English B2 (3)		German for Beginners II (5)			Advanced Mathematics A2 (6)				The C Programming Language (4)			Circuit Analysis A (5)					Scientific and technological information retrieval (1)	Metal Working Practice (3)										
3	Situation and Policy Education III (0.5)	Sports Club III (0.5)	Basic Principles of Marxism (3)			Linear Algebra A (3)			Digital Electronics A (4)		Analog Electronic Technology A (4)			Principles and Applications of Transducer (3)		Electronics Circuit Design and Practice (3)		Quality Infrastructure and its Application (2)	Speciality English (2)	Advanced Programming Language (3)		Electronics Process Design I (2)	Engineering Projects Design I (2)																	
4	Situation and Policy Education IV (0.5)	Sports Club IV (0.5)	Introduction to Maoism and Socialist Theoretical System with Chinese Characteristics (3)			Probability and Statistics A (3)			Physics of Semiconductor Devices (3)		Applied Optics (4)			Electromagnetic Field Theory Fundamentals (3)		Principles and Interface Technique of Micro-Computer (3)		Signals and Systems (4)		Computer Network (3)		Artificial Intelligence Algorithms (3)		Green Manufacturing and Environment Standardization (2)	Engineering Projects Design II (2)	Electronics Process Design II (2)														
5	Digital Image Processing (3)			Embedded System Design (3)			FPGA and HDL Programming (3)		Fundamentals of Laser Physics (4)			Physical Optics (4)			Computer Vision (3)		Digital Signal Processing (3)	Laser Devices and Systems (3)		Light Microscopy and Electronic Imaging (3)		Optoelectronic Technology (3)		Engineering Projects Design III																
6	Enterprise Internship (19)																																							
7	Analog Intergrated Circuit Design (3)			Electronic Packaging (3)			Laser Applications (3)		Micro-Electro-Mechanical Systems (3)																															
8	Final Year Project (15)																																							

Gray is General Courses

Brown is Professional Compulsory Courses

Blue is Professional Elective Courses

Green is Professional Practice Courses

Yellow is Final Year Project