

Fairfield College Course Calendar 2026

ELE200A ELECTRONICS and COMPUTER SYSTEM

YEAR: 2026

Term 1	Week 1 26 Jan-30 Jan	Week 2 2 - 6 Feb	Week 3 9-13 Feb	Week 4 16-20 Feb	Week 5 23 Feb-27 Feb	Week 6 2 - 6 Mar	Week 7 9-13 Mar	Week 8 16-20 Mar	Week 9 23-27 Mar	Week 10 30 Mar -2 Apr	
Topics		US 18241 Knowledge of basic electronic system (L2) (Internal Assessment – 5 Credits)						US 18242 Construct a simple printed circuit (L2) (Internal Assessment – 3 Credits)			
assessment		Learn voltage divider, Resistor-capacitor circuit, diode, and transistor circuit theory Assessment integrated with learning through practical work						Learn to use KiCad, PCB track routing, PCB milling			

Term 2	Week 1 20 Apr-24 Apr	Week 2 27 Apr – 1 May	Week 3 4 - 8 May	Week 4 11 - 15 May	Week 5 18 - 22 May Learn Week	Week 6 25 - 29 May	Week 7 1 -5 Jun	Week 8 8 -12 Jun	Week 9 15 - 19 Jun	Week 10 22 - 26 Jun	Week 11 29 Jun - 3 Jul	
Topics	US 18242	US26119 Construct and describe the performance of a simple electronic programmable circuit (L3) Internal Assessment – 4 Credits						US26121 Plan, construct, and modify an electronic prototype (L3)				
assessment	Submit product & report	Product design, Prototyping, Making PCB, Product construction						Product design, Prototyping,				

Term 3	Week 1 20 -24 Jul	Week 2 27 Jul - 31 Jul	Week 3 3 - 7 Aug	Week 4 10 - 14 Aug	Week 5 17 - 21 Aug	Week 6 24 - 28 Aug	Week 7 31 Aug -4 Sep	Week 8 7 - 11 Sep Learn Week	Week 9 14 - 18 Sep	Week 10 21 - 24 Sep	
Topics	US26121 Plan, construct, and modify an electronic prototype (L3) (Internal Assessment 6 Credits)							AS 91895 (2.6) Use Advanced techniques to develop a network (L2) Internal Assessment – 4 Credits			
assessment	Prototyping, Making PCB, Product construction							Learn the theory			

Term 4	Week 1 12 -16 Oct	Week 2 19 - 23 Oct	Week 3 26 -30 Oct	Week 4 2 - 6 Nov	Week 5 9 - 13 Nov	Week 6 16 - 20 Nov	Week 7 23 - 27 Nov	Week 8 30 Nov – 4 Dec	Week 9 7 - 11 Dec	Week 10 14 - 18 Dec
Topics	AS 91895 (2.6) Use Advanced techniques to develop a network (L2)					NZQA Examinations				
assessment	Build the network									

This course **NOT** eligible for an NZQA course endorsement.

This course **NOT** eligible for University Entrance.