

Course:		ICS3U-E	Royal St. George's College
		Kit Name:	<b>AVR Foundations</b>
Year	#	Line #	Part
2018	1	1	5V DC Adapter 2A
2022	2	2	ABRA Nano
2018	2	3	Jumper Wire Kit
2024	1	4	Breadboard
2024	1	5	Solder Tube
2018	2	6	DC Jack
2016	4	7	Elec Cap: 1uF
2016	4	8	Elec Cap: 10uF
2018	4	9	Power Diode
2020	4	10	LED 3mm: Red
2020	4	11	LED 3mm: Amber
2020	4	12	LED 3mm: Green
2016	1	13	5mm LED Pack
2018	1	14	NTC Thermistor (10k)
2016	1	15	TMP36
2023	10	16	SPDT Slide Switch
2016	2	17	Bicolor LED
2019	4	18	RGBLED (CC) Diffused
2016	2	19	<b>Common Cathode 7-Segment Disp.</b>
2016	8	20	Disk Cap: 103
2016	8	21	Disk Cap: 104
2021	2	22	10k Trim Pot
2021	2	23	100k Trim Pot
2022	2	24	1M Trim Pot
2018	6	25	IC Socket
2018	6	26	IC Socket
2020	6	27	IC Socket
2022	1	28	IC Puller
2018	1	29	2x3 Male Header Pins
2018	1	30	16x2 LCD Blue (Assembled)
2018	1	31	LD1117V33
2016	4	32	LM7805
2016	2	33	LM7809
2016	1	34	LM317
2022	4	35	LM358 (Op Amp)
2023	4	36	LM386 (Audio Op Amp)
2021	4	37	LM741 (Op Amp)
2022	4	38	CMOS IC (logic)
2023	1	39	Speaker 8 Ohm 0.5W
2016	2	40	NE555
2018	2	41	10mm Red LED (Diffused)
2018	2	42	10mm Red Yellow (Diffused)
2018	2	43	10mm Red Green (Diffused)
2018	4	44	Breakaway Male Pins (RTAng)
2020	4	45	Breakaway Male Pins (Straight)
2016	2	46	LED Bargraph (Blue)

2020	10	47	Ser In/Par Out Shift Register
2018	2	48	IC Socket
2020	1	49	<b>Dual CC RED Alphanumeric Display</b>
2016	8	50	NPN BJT
2016	8	51	PNP BJT
2016	1	52	<b>8x8 LED Matrix (Green)</b>
2018	2	53	<b>TPIC6C595</b>
2018	2	54	<b>1 row X 8 pins Straight Female Receptacle</b>
2018	2	55	16 MHz Crystal and 20pF caps
2018	1	56	ATmega328P
2020	3	57	Transistor Positive Voltage Regulator 1A 5V
2018	1	58	<b>4-Digit 7-Segment Display (Blue)</b>
2018	1	59	CR1220 Coin Battery
2018	1	60	32.768 kHz Crystal
2020	2	61	<b>15 MOhm</b>
2018	1	62	DS1307
2018	1	63	CR1220 Coin Cell Holder
2018	1	64	<b>Electret Microphone</b>
2019	1	65	<b>8x8 LED Matrix (Yellow)</b>
2021	1	66	DPDT Toggle Swith
2016	1	67	DC Hobby Motor
2024	1	68	<b>Standard Servo with Feedback</b>
2017	1	69	Stepper with ULN2003 Driver
2016	1	70	SN754410
2018	1	71	L293D
2016	1	72	IRF520
2019	1	73	nRF24L01
2020	4	74	33pF Disk Capacitor
2020	4	75	200k Fixed Resistor