Custom Problem Manual Worksheet

- Place a check mark in column **A** next to each problem section you want in your custom problem manual.
- In column **B**, number your chosen problem sections in the desired sequence.

	Original Section Title	Number of Questions Included ⇩	A Problem Sections Wanted ⇩	B Desired Sequence ⇩
DC Problems	Voltage, Current & Resistance	56		
	Ohm's Law, Graphs & Power	50		
	Series DC Circuits	62		
	Parallel DC Circuits	58		
	Series-Parallel DC Circuits	44		
	Energy Sources	42		
	Selected Network Analysis Methods	66		
	Electric Fields & Capacitance	64		
	Magnetic Fields & Inductance	72		
AC Problems	Alternating Current	62		
	Series AC Circuits	44		
	Parallel AC Circuits	42		
	AC Network Methods	42		
	AC Power	38		
	Series Resonance	34		
	Parallel Resonance	24		
	Bode Plots & Filters	48		
	Transformers	24		
Device Problems	Semiconductors & Diodes	20		
	Diode Biasing	32		
	Rectifier & Filter Circuits	20		
	Bipolar Junction Transistors	18		
	BJT Biasing	30		
	Field-Effect Transistors	20		
	FET Biasing	28		
	Diode & Transistor Switching	34		
	Amplifier Measurement Concepts	22		
	h-Parameter Modelling	10		
	BJT Amplifier Analysis	22		
	FET Amplifier Analysis	14		
	Multi-Stage Amplifiers	10		
	Special Circuits	32		
	Negative Feedback Circuits	12		
	Positive Feedback Circuits	38		
	Power Amplifiers	48		
	Power Supply Regulation	42		
	Multi-Layer Devices	18		
Op Amps	Operational Amplifiers	20		
	Linear Op Amp Applications - Basic Circuits	26		
	Linear Op Amp Applications - Filter Circuits	22		
	Linear Op Amp Applications - Other Circuits	22		
	Non-Linear Op Amp Applications	28		
	Analog to Digital (A/D) Conversion	22		

	Original Section Title	Number of Questions Included ⇩	A Problem Sections Wanted ⇩	B Desired Sequence ⇩
		Pages		
Appendix Items	Electronic Symbols	4		
	Course Formula Sheet (DC/AC Studies)	1		
	Course Formula Sheet (Device Studies)	2		
	Rules of SI Notation	2		
	AWG Wire Tables	1		
	Resistivity Data Table	1		
	Permittivity Data Table	1		
	Network Theorem Rules	1		
	Resistor and Capacitor Color Code (color)	1		
	Capacitor Photo Identification (color)	1		

◆	Title Wanted (will be used for ISBN, etc.)				
◆	Student copies required		◆	Cover	Choose from A B C D E F G H
◆	Staff copies required		◆	Colors	Describe desired colors for cover