Lab EE242-3

+\( V_R \)

-\( V_C \)

\[ R = 40 \, k\Omega \]
\[ C = 0.02 \, \mu F \]

\( V_{FG} \) Agilent 33120A Function Generator, freq 100 Hz, Amp AVpp DC +2 V

Scope Agilent 54622A chn 2 \( V_{FG} \), chn 1 \( V_C \)

Procedures 1-6

- Use floppy to print displays; then annotate displays with answers to questions; one display for each notebook (partner)
- For procedures 5, 6:
  - Use chn 2 \( V_C \) and chn 1 \( V_R \) (inverted - why? - note ground)
  - Use math function "1-2", to display, get plot and compare to plot of \( V_{FG} \) display to verify KVL

Procedure 7

- Again, use floppy to print display and annotate

Note: EE 241-6 has instructions for printing scope display