



# REQUIRED MATERIALS

## General H.H. Arnold High School Programs in Technology Education

You are required to maintain a notebook in this class. There are materials you will need that I can't provide. Below is a list of items you must obtain to build your notebook and participate in this course:

<b>Required:</b>	<u>Qty</u>	<u>Description</u>
	1	Binder, 3-Ring, 1" to 3" Thick (No Substitute)
	5	Tab Dividers
	25	Sheets of College Rule Paper
	2	Pencils, No 2.
	1	Eraser
	1	Highlighter Pen
	1	6" Rule
	1	Binder Pencil Pocket
	1	9 Volt Battery (Digital Electronics and CSS Only)

<b>Suggested:</b>	<u>Qty</u>	<u>Description</u>
	1	Calculator, Scientific

**Note:** For electronics and engineering work you will need a scientific calculator that supports the following functions:

- Floating Point, Scientific Notation, and Engineering Notation: **[FD]** or **[Flo]**, **[Sci]**, and **[Eng]**
- Parenthesis: **[ ( ]** and **[ ) ]**
- Exponent: **[Exp]** or **[EE]**
- Reciprocal: **[1/x]**
- Memory Functions: **[STO]**, **[RCL]**, **[SUM]**
- Number Systems: **[DEC]**, **[BIN]**, **[OCT]**, and **[HEX]**

Logic Functions like **[AND]**, **[OR]**, **[NAND]**, **[NOR]**, **[XOR]**, and **[XNOR]** are not required but may be helpful.

Calculators that perform these functions aren't expensive. In fact, they're pretty cheap. You needn't spend \$80 on a graphing calculator when a \$15 scientific calculator will do just fine. In fact, the scientific calculator is superior to the graphing calculator for our purpose because most graphing calculators don't support engineering notation or multiple number systems. Remember to select the right tool for the job. You need a calculator that supports all of the functions listed above.

### Notebook Instructions:

Every student is required to maintain a separate notebook for this class. The notebook is a repository for completed work and work in progress. Assignment checklists, notes, and handouts are also organized and kept in this notebook. The notebook will contain only material used in this course and must be brought to class everyday. It is reviewed once a week for organization and completeness and is an integral part of the student's grade.

The notebook will contain five (5) tab dividers. The dividers will be labeling from front to back as follows:

### 1. Course Info      2. Checklists      3. Tasks      4. Homework      5. Notes

Label the tabs on both the front and back.

Place the notebook paper only behind the "Notes" tab.

Mark the name of the subject on the spine of the notebook.