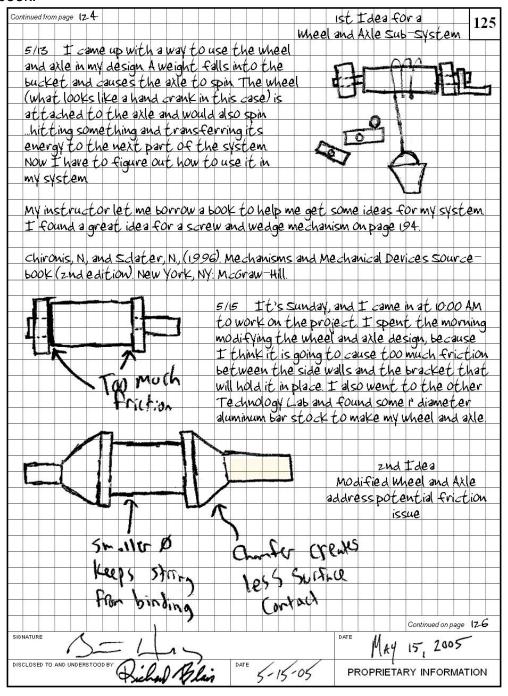
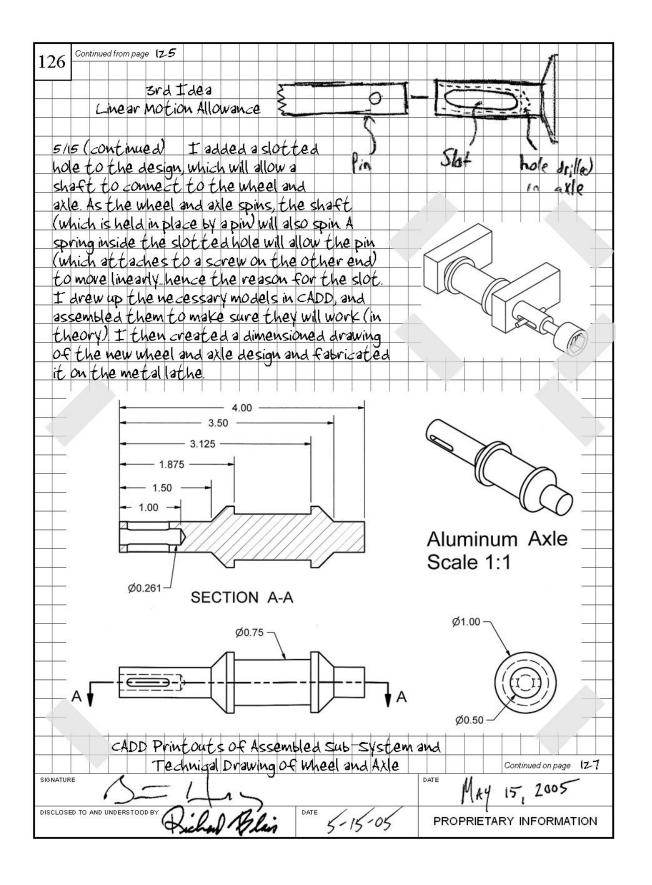
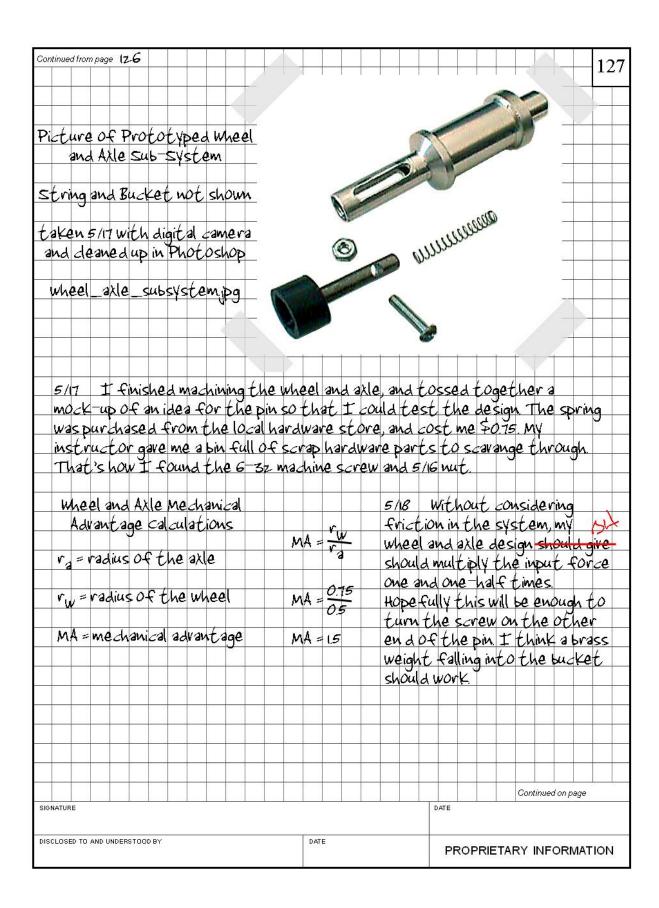
Sample Engineering Notebook Entries

The following would be considered **excellent** examples of entries in an engineering notebook.







Why do the previous examples represent outstanding entries in an engineering notebook?

- The pages have been sequentially numbered.
- The pages are part of a bound notebook.
- There is a dedicated location on each page for the designer's and witness's dated signatures.
- All figures and calculations have been clearly labeled.
- Inserted items have been properly attached to their respective pages.
- The date for each entry is clearly identified.
- The student included annotated sketches that help the reader understand the ideas.
- Detailed explanations of how the designs are supposed to work were given.
- The student gave evidence of research.
- Problems that were encountered through experimentation were chronicled, and ideas to fix them were clearly evident.
- A technical drawing for a prototype was given, which specified the material from which the part was to be made.
- A digital photograph of the prototype was included that suggests how the object is to be assembled.
- The information given in the entries is proportional to the amount of time given per class period.
- Any mistakes that were made had a single line drawn through them. Mistakes were initialed.

The following is an example of an **unacceptable** engineering notebook. Keep in mind that each entry represents a reflection of 75 minutes of continuous work.

	\cap	
	00/40	Daring Lows and Los Mays and word wild
$-\bigcirc$	9120	Designed support bar, My partner built
		Designed support bar. My partner built support. Not what I designed. Should still
		work.
	9/7-7-	Designed wood guide and first displacement
	1,00	
		arm, -
- O-		
	\sim	
	\cup	
	10/11	Had to cancel on my field trip in English to
0	10/11	Had to career on my fleta trip in english to
		work on this stupid project. Zip ties are
		the key. I'm sore of it.
0		
, YV		
	10/12	tt. didn't work wa not it working our
	10/12	La Cara Lut 104 lunio + La Cara de 10-4
-0		deture, but not auring the turmal test.
		Rubber bands #@>%, Inventor #@>%s. My
		It didn't work! We got it working once before, but not during the formal test. Rubber bands #05%, Inventor #05%s. My partner is worthless!
Γ_{-}^{\prime}		The Control of the Co
$\vdash \hookrightarrow$	$\overline{}$	
	\cup	
\vdash		

Why does the previous example represent an unacceptable engineering notebook?

- The student submitted a sheet of loose leaf paper that was removed from a wire bound spiral notebook. An engineering notebook must be a bound document. No pages should ever be removed from an engineering notebook.
- The page number is not identified in ink.

- The student did not sign and date the page.
- Several class meetings between 9/22 and 10/11 are not represented by notebook entries.
- No sketches, CAD model graphics, or technical drawings are included to support
 the idea that the support bar, guide, or displacement arm was actually designed
 or being built. It also appeared that the student was leaving room so that he/she
 could go back and add sketches later on in an attempt to satisfy the rubric.
- Except for wood, which encompasses a broad spectrum, no tools or materials were identified as being used.
- The student offered no explanation as to functions of the support bar, wood guide, and displacement arm.
- The entries do not show that the partners talked about their ideas or worked on their designs as a team.
- The entries do not talk about any special considerations or problems that might have been encountered during the design of the parts.
- Only fragments of ideas have been documented. There is no detail at all.
- The student used inappropriate expletives in a formal document and was openly disrespectful to his/her teammate.
- 75 minutes of work cannot be accurately and completely summed up in one sentence.