

Writing 109ST: Assignment #7

Technical Graphic

Description of the Assignment

One of the distinguishing hallmarks of technical and scientific writing is heavy reliance upon graphical information. To become a competent writer in the technical and scientific fields means to be adept at both prose text *and* graphical forms. These forms include:

- Line art
- Tone art
- Schematics and assembly drawings
- Cutaways, sectioned views, and phantoms
- Flow charts and block diagrams
- Wiring and plumbing diagrams
- Cartoons and storyboards
- CAD and/or FEA graphics (e.g., SolidWorks and AutoCad), and computer graphics (e.g., Adobe PhotoShop, Illustrator, and Autodesk Maya)

Although you may not master all of these, you should be able to distinguish them and know how and where to apply them within documents. We will treat numeric organizers (e.g., charts, graphics, plots, and tables) separately this quarter.

For this assignment, you will design and draft an original graphic to include within your research paper.

Tasks

- Using one of the formats listed above, design a graphic to convey content and/or concepts within your research paper. Your graphic should be sized larger than the finished size.¹
- If your graphic is not generated on a computer, make a scan of your hardcopy graphic and save it as either a .jpg, .tiff, or .gif file. Email this to the instructor as an attachment with “Assignment 7” in your subject line.

Due Date

See the course website schedule for due date.

¹ This applies mainly to hardcopy graphics and is a universal “rule of thumb” for graphics design. Your graphics will look much better (and be easier to draw) if you draft them at least 150–200% oversize, then reduce to the final, finish size.