

Assignment 5.1: Written, Oral and Graphical Communication

Do you think an engineer should also be good in written communication? Why? Explain and justify your thoughts.

Yes, I absolutely think an engineer needs to be good at written communication. We might be focused on math and building things, but we have to write a ton of documents like reports, emails, and design plans. If our writing is confusing, it can cause huge, expensive mistakes in the project, or people won't know how to build what we designed. So, clear writing is a vital skill for making sure our ideas are understood and projects run smoothly

2. How would you differentiate oral communication from engineering graphical communication?

The main difference is the tool they use. Oral communication uses spoken words to share information quickly, like when we talk in a team meeting to discuss a problem. Engineering graphical communication, however, uses precise drawings, blueprints, and charts to show the exact size, shape, and parts of a design. Oral talk is flexible, but graphical communication is a universal, standardized language that shows complex physical things without any guesswork.

3. As a future engineer, how would you justify the popular phrase "Communication is the key" in workplace?

As a future engineer, I'd justify that phrase because communication is how work gets done. We don't work alone we have to constantly talk with other engineers, managers, and clients. If we can't clearly explain a technical issue or persuade someone about a design choice, the project can get stuck or fail to meet the customer's needs. Being a good communicator is just as important as being good at math because it makes the difference between a great idea on paper and a successful finished product.