STRAND 1.0: FOUNDATIONS OF PRE -TECHNICAL STUDIES

Components of Pre-Technical Studies as a Learning Area:

1. **Foundations of Pre-Technical Studies:**
    - *Explanation:* Introduction to fundamental concepts and principles related to pre-technical subjects.
    - *Example:* Understanding safety regulations, basic technical terminology, and problem-solving approaches.
2. **Safety in the Work Environment:**
    - *Explanation:* Focus on identifying and mitigating potential safety threats in various work environments.
    - *Example:* Learning about workplace hazards and safety protocols in industries such as manufacturing or construction.
3. **Communication:**
    - *Explanation:* Developing communication skills essential for effective collaboration and information sharing in technical fields.
    - *Example:* Practicing clear communication in technical project reports or during team discussions.
4. **Technical Drawing and Design:**
    - *Explanation:* Introduction to basic technical drawing techniques and design principles.
    - *Example:* Creating engineering drawings or architectural plans using drafting tools.
5. **Basic Computer Skills:**
    - *Explanation:* Acquiring foundational skills in using computers and digital tools relevant to technical fields.
    - *Example:* Learning to use software for data analysis, drafting, or programming.
6. **Materials and Tools Handling:**
    - *Explanation:* Understanding the properties of materials and safe handling of tools used in technical activities.
    - *Example:* Demonstrating proper use of woodworking tools or laboratory equipment.
7. **Problem Solving:**