

Semester: 03  
Module: technical English  
Niveau: 2<sup>nd</sup> year  
Coeff: 01  
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Lecture :01

## **Introduction:**

Engineers and other technical professionals today have to communicate effectively with their counterparts across the globe, and English is widely considered the primary language used for this communication.

For both working professionals and students, English language fluency is essential.

## **AIM of Technical Languages:**

- 1/ increasing the quality of language studies.
- 2/ In the global context, students at engineering institutions need a specific set of language skills for their success in education and in career according to the communicative needs of the learners.
- 3/ It is centered not only on the language, but also on the skills and discourses that combine the development of linguistic skills together with the acquisition of specific information.

## **Abbreviation of Computer Terminology :**

1. **CD-ROM** compact disk read only memory
2. **TFT** Thin film transistor
3. **MB** mega bite
4. **GHz** gigahertz

5. **FCB** file control block
6. **SDRAM** Synchronous dynamic random access memory
7. **XGA** Extended graphics array

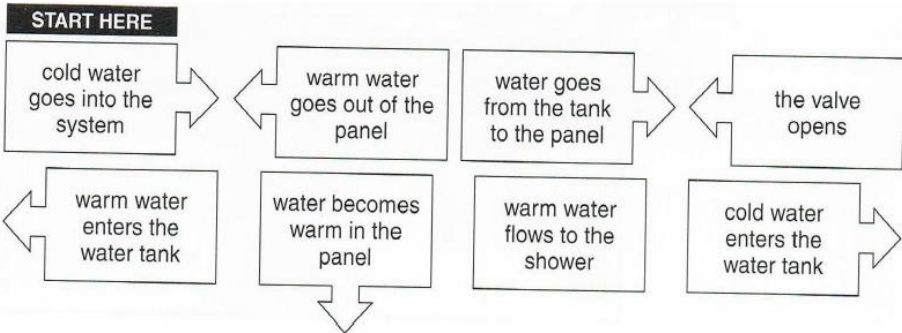
## **List of Electronic Components Name Abbreviations**

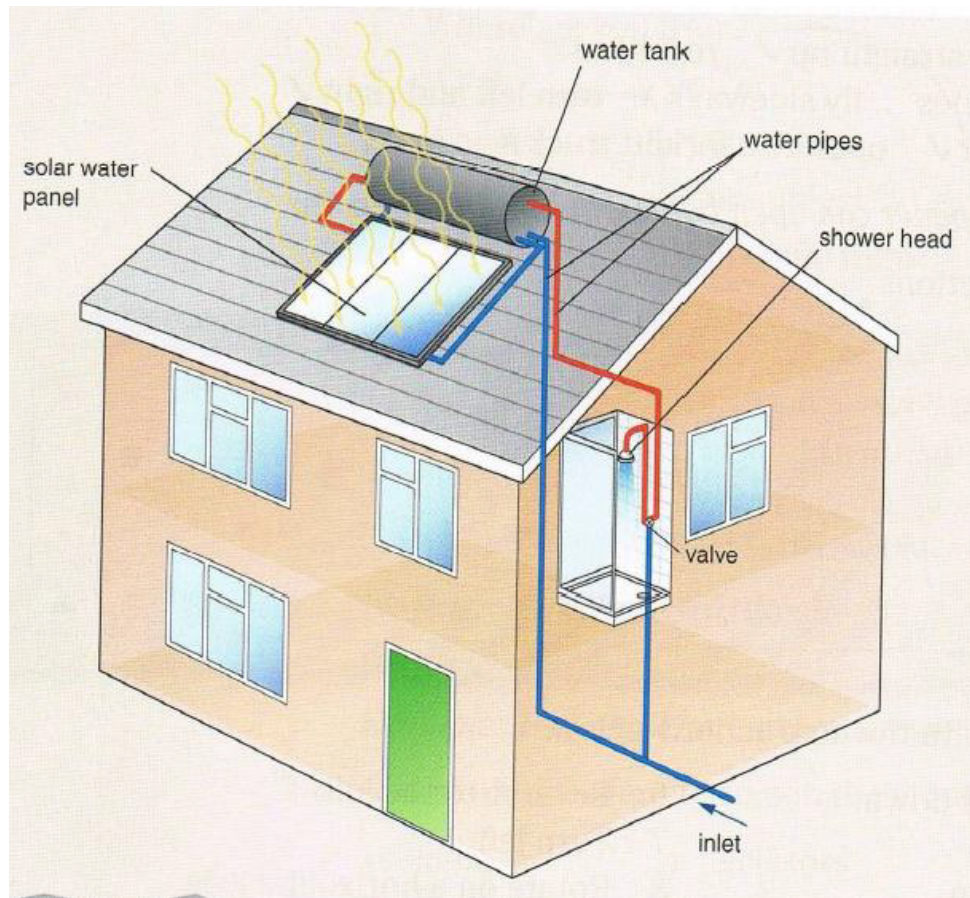
**B:** battery  
**C:** capacitor  
**D or CR:** diode  
**F:** fuse  
**IC:** integrated circuit  
**L:** inductor  
**LCD:** **Liquid** crystal display  
**LED:** light emitting diode  
**MCB:** circuit breaker  
**Mic:** microphone  
**Ne:** neon lamp  
**OP:** Operational Amplifier  
**PCB:** printed circuit board  
**Q:** transistor  
**R:** resistor  
**TFT:** thin film transistor  
**SW:** switch  
**T:** transformer  
**TH:** thermistor  
**TP:** test point  
**Tr:** transistor  
**U:** integrated circuit  
**VC:** variable capacitor  
**VR:** variable resistor

Z: zener diode

**Solar power:**

Organize the following frames to form the correct to have the suitable order:

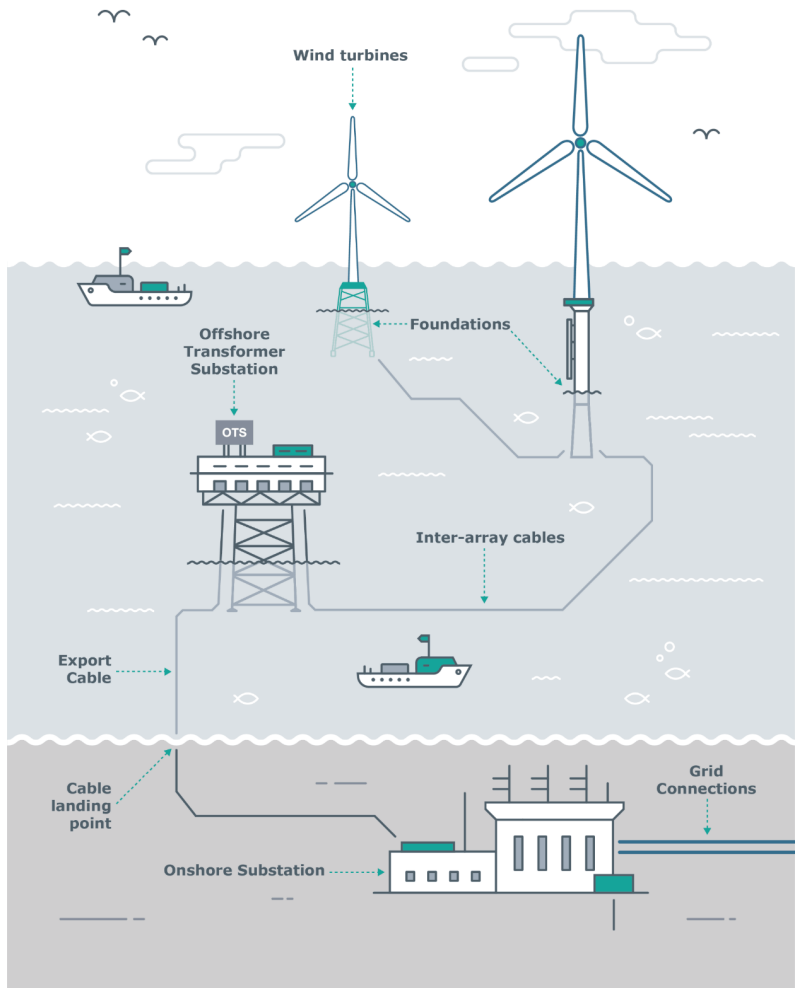




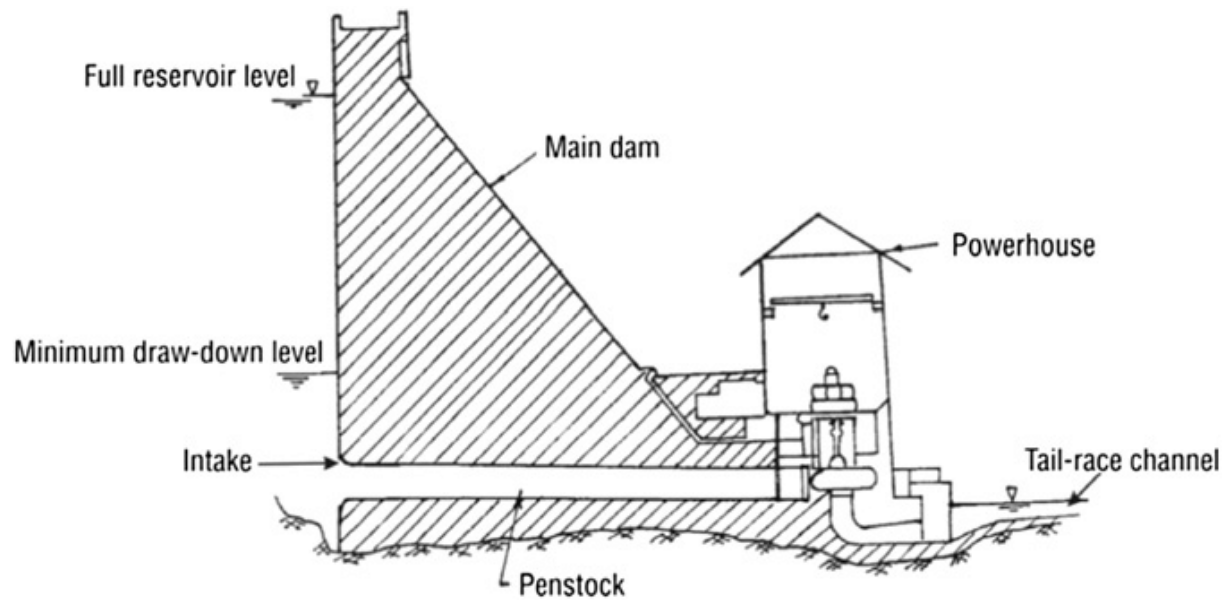
## Example of solar power producing hot water

First, the cold water goes into the system then cold water enters the water tank after that the water goes from the tank to the panel.

Water becomes warm in the panel after that warm water goes out of the panel then warm water enters the water tank, the valve opens as a result the warm water flows to the shower.



Example of generating electricity through wind power.



This document represents power generating by hydropower.