Prerequisite Glossary

You should be familiar with the following concepts as prerequisite to the second unit. The list is meant to refresh your memory.

If you are not familiar with these concepts, then it is recommended to study the module (Background to CS301.module2) before you proceed further.

- Instruction Cycle
- CPU time
- Instruction count
- Clock pulse and clock frequency
- Average number of clock pulses per instruction
- Cache memory
- Control Unit
- Assembly Instruction
- Machine instruction
- μ programming
- μ programmable control unit
- Hardwired control unit
- Stack machine
- Memory-to-memory operational mode
- Instruction Pipelining