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## Servizi generali di impianto

### Finalità

The aim of the class is to provide some fundamentals on facility design and management.

### Programma

Analysis and design of fluid dynamics systems.

Fundamental of piping.

Analysis and design of:

- industrial water distribution system;
- industrial steam production and distribution systems;
- fire protection systems and equipment;
- compressed air systems;
- water thermal plant

### Attività d'esercitazione

During the class, numerical examples concerning practice cases are shown

### Modalità d'esame

A written exam is required for course completion.

### Propedeuticità

Idraulica, Fisica tecnica e Macchine

### Testi consigliati

1. A.Monte, Elementi di Impianti Industriali, vol. I/II, Libreria Cortina Torino
2. O.Pierfederici Impianti Meccanici, Pitagora
3. S.Fabbri, Impianti Meccanici, Patron