

Industry 4.0 Fundamentals

1 CFU (10 hours, two half days) seminar offered by experts of BOSCH/CVIT (Centro Studi Componenti per Veicoli), Modugno (BA) in hybrid mode at Politecnico di Bari (in presence) and online, period: January 2023.

The seminar aims to help understanding Industry 4.0 concepts, enabling technologies and related benefits in production processes.

Use cases applied within the Bosch reality will be shown by analyzing the advantages obtained. Subjects of the module include:

- What is Industry 4.0
- Lean Production and Lean Assembly
- Logistics 4.0
- Cyber-physical systems
- Digital Twin
- The enabling technologies
- Industrial IoT
- From data to intelligence
- Use Cases