

# Faculty : MECHANICAL AND PRODUCTIC ENGINEERING



**Acronym:** INDPRO

**Option:** Industrial and production maintenance

**Level:** BTS

**Prerequisites:** scientific series or equivalent level

**Opportunities:**

- Design office designer;
- Methods office supervisor;
- Engineer's assistant;
- Maintenance manager;
- Quality control ;

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- Technical sales agent

## **Description:**

The objective of this specialty is to train senior technicians able to ensure the maintenance and guarantee a good level of productivity of the increasingly complex machines which intervene in the industrial production process. It therefore refers to the management of production processes which, in addition to cutting-edge technologies such as computer-aided design, industrial robotics and computer-aided manufacturing, requires a new approach to training focused on production.

## **SOUGHT-AFTER SKILLS**

### **Generic skills**

- Work independently, collaborate as a team;
- Analyze, synthesize a professional document (French, English);
- Communicate orally, in writing, in business or outside (French, English);
- Participate in / Lead a project management process;
- Know and use professional and institutional networks in the industrial mechanics sectors.

### **specific skills**

- Analyze the operation of equipment and carry out maintenance interventions;
- Organize and optimize maintenance activities;
- Design solutions for improving and integrating equipment and adapting for the installation of new components;
- Check and monitor equipment regularly (preventive maintenance);

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- Have mastery of computer-assisted maintenance management (CMMS);
  - Propose solutions to optimize the safety and performance of equipment (watch).