

Faculty : COMPUTER ENGINEERING



Acronym: ININAU

Option: INDUSTRIAL COMPUTING AND AUTOMATION

Level: BTS

Prerequisite: Scientific series or equivalent level

Opportunities:

- Industrial companies that use production lines;
- Companies that install and maintain automatic equipment;
- Computer Services and Engineering Companies (SSII).

Description :

This specialty trains senior technicians who, under the guidance of a project manager, study, develop and commission all or part of an automation application relating to the creation, improvement or renovation of installations or industrial equipment which is of the supervision or control-command type.

Specific skills:

- Participate in the design of computer applications that will drive machines and robots in the production chain;
- Optimize the operation of the production chain;
- Ensure that all elements of the production communicate and function well;
- Work in direct relation with project managers and engineers;

- Participate in the analysis of end-user needs and the design of software;
- Develop and operate applications and computer systems, whether or not organized in networks, intended for production processes for equipment goods and technical services;
- Participate in the development, implementation and maintenance of terminals and various IT components;
- Choose hardware, development language, programming
- Manage and control production using the computer and ensure dialogue with the designer and the operational part
- **Master the equipment.**

Quality and skills:

- Analyze or constitute a specification;
- Develop or choose technical solutions (hardware and software) and products, integrating reliability and quality aspects;
- Lead medium-sized projects;
- Install, tune, maintain and troubleshoot equipment;
- Lead a small team;
- Represent your company to the client.