

## Designing and operating the "Factory of the Future".

### Introduction

UTT graduates majoring in Control and Computer Engineering (A2I) are qualified to design innovative on-board and 'Smart' production systems. Likewise, they can intervene at any level of a production chain, or an EDP process, or in automated system control/command: instruments, electronic design concepts, mechatronics, interconnections, information processing systems, applications oriented development.

### UTT-AII offers 2 specialties focusing on the design of automated systems

- **Smart production systems (SPI)** : to become fully proficient in both theoretical and practical aspects of technology in an industrial automated production environment ;
- **On-board technologies and interoperability (TEI)** : designing, developing, interconnecting and programming on-board systems specific to control/command of dynamic systems, to collecting, processing and forwarding information, and to interface functions.

### Professional opportunities in a variety of sectors

- Transportation
- Agro-food industries
- Defence
- Energy
- Health
- Technology intensive consultancy
- Industrial EDP and computer companies

### Stakes



The UTT is authorised by the CTI to deliver the engineering degree.

[More information here](#)

### Places

- Troyes
- Reims

### Audience

#### Prerequisites for enrolment

- Bac
- Bac +1
- Bac +2

### Internship(s)

Yes, Compulsory

### Rhythm

- Full time

### Information

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diplome-d-ingenieur/candidater-  
en-cursus-ingenieur/](https://www.utt.fr/formations/diplome-d-ingenieur/candidater-en-cursus-ingenieur/)

## What's next ?

### Level of education obtained after completion

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- Bac +5

### Further studies

- Master UTT by double degree;
- other masters;
- Specialized Master®.

# Program

## Generic courses

- Electronics: CAD, integration, technology, instrumentation
- Systems-oriented engineering
- Industrial EDP processes
- Robotics
- Programming and interconnecting automats
- Monitoring and surveillance
- EDP and automated signal processing