# **Control and Computer Engineering**



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;
Embedded and Interoperable Technology (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

Université de Technologie de Troyes Service des admissions et de la vie étudiante 12 rue Marie Curie, CS 42060 10004 Troyes cedex

admissions@utt.fr 03 25 71 80 35

https://www.utt.fr/formations /diplome-d-ingenieur/candidateren-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

