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

Information

Université de Technologie de Troyes
Service des admissions et de la vie étudiante
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10004 Troyes cedex
admissions@utt.fr
03 25 71 80 35

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

Places

- Troyes
- Reims

Audience

Prerequisites for enrolment

- Bac
- Bac +1
- Bac +2

Internship(s)

Yes, Compulsory

Rhythm

- Full time
What's next?

Level of education obtained after completion

Level of education obtained after completion

• 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