

# Automatic Control Systems Tutorials



## Component

École Nationale  
Supérieure  
d'Électrotechnique  
d'Électronique  
d'Informatique  
d'Hydraulique  
et des  
Télécommunications

## In brief

- > **AmetyS Code:** N8EE14D
- > **Open to exchange students:** Yes

## Presentation

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### Objectives

Handle industrial automation programming hardware and software.

Understand and ensure the real-time operation of automation systems (simultaneous crossings, exchange of words via industrial fieldbus communication).

M340, Transporter, FESTO, TSX-micro, TSX-Premium, Rotary Store, Pneumatic Robot Arm, Virtual Factory, FipWay...

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### Description

Practical implementation on various software and operating parts. Development environment, Festo, Unity, PL7 Devices: transfer table, rotary magazine, virtual factory, vertical distributor

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### Pre-requisites

Automation and programmed logic course