

Code A_2759

Facoltà/Faculty	Engineering and Architecture/ Ingegneria e Architettura
Dipartimento/Department	Electrical and Electronic Engineering
UniCa reference person	Carla Seatzu
Course name	Supervisory control and monitoring
SSD	ING-INF/04
Semester	Fall, 1st
CFU	1
n. of VPS teaching hours	10
Language of instruction	English
Course Content and VPS' profile	<p>The aim of the course Supervisory Control and Monitoring is that of providing to the student the basic background on the structure of an integrated industrial control system and the main formalisms for its modelling, analysis and control using the paradigm of discrete event systems, and its role in the resolution of problems in the framework of fault diagnosis, opacity, and secrecy.</p> <p>The VP should be a Professor with a solid background on discrete event systems. Her/his contribution to the course should be that of presenting some approaches for fault diagnosis and/or opacity analysis either using finite state automata or Petri nets.</p>
Academic position of the VPS'	Professor