

ORARIO I SEMESTRE A. A. 2024/2025 I ANNO – I SEMESTRE 23 SETTEMBRE 2024/10 GENNAIO 2025					I4S – LAUREA MAGISTRALE IN INGEGNERIA DEI SISTEMI DI CONTROLLO E DELL'AUTOMAZIONE Curriculum 1: CSE (Control Systems Engineering)					
Insegnamenti obbligatori:					Insegnamenti a scelta:					
IDENTIFICATION AND MACHINE LEARNING FOR CONTROL SYSTEMS (12 CFU): Prof. C. MANES, Dott. V. DE IULIIS, Prof. A. D'INNOLENZO (CODICE TEAMS: 6rvdyr6) Embedded Systems (9 CFU): Dott. L. POMANTE (CODICE TEAMS: 3dmmszu)					Optimisation, models and algorithms (Opt. Models and Alg.) (6CFU): Prof. C. ARBIB (CODICE TEAMS: 9578y7x) Fundamentals of Partial Differential Equations and Numerical Methods (Fundamentals PDE) (6CFU): Prof. M. CAPONI, Prof. V. PROTASOV (CODICE TEAMS: 4mhm08h) Dispositivi e Sistemi Meccanici per l'Automazione (Disp. Sist. Mecc Aut.) (6CFU): Prof. P. B. Zobel (CODICE TEAMS: ....)					
ORA ☉	LUNEDÌ	Aula	MARTEDÌ	Aula	MERCOLEDÌ	Aula	GIOVEDÌ	Aula	VENERDÌ	Aula
08:30 –09:30					Disp. Sist. Mecc Aut. Fundamentals PDE	B0.1 (Roio) 0.6			Fundamentals PDE	A1.1
09:30– 10:30					Opt. Models and Alg. Disp. Sist. Mecc Aut. Fundamentals PDE	A1.5 B0.1 (Roio) 0.6			Fundamentals PDE	A1.1
10:30 – 11:30					Opt. Models and Alg.	A1.5			Fundamentals PDE Opt. Models and Alg.*	A1.1 A1.3
11:30– 12:30			Embedded Systems	A1.4					Opt. Models and Alg.*	A1.3
12:30 -13:30			Embedded Systems	A1.4					Opt. Models and Alg.*	A1.3
13:30 -14:30										
14:30-15:30	Identification and Machine Learning for Control Systems	A0.4	Identification and Machine Learning for Control Systems	A0.4	Embedded Systems	A1.4	Embedded Systems	A1.3		
15:30-16:30	Identification and Machine Learning for Control Systems	A0.4	Identification and Machine Learning for Control Systems	A0.4	Embedded Systems	A1.4	Embedded Systems	A1.3		
16:30-17:30	Identification and Machine Learning for Control Systems	A0.4	Identification and Machine Learning for Control Systems	A0.4	Embedded Systems	A1.4	Identification and Machine Learning for Control Systems	A0.4	Disp. Sist. Mecc Aut.	A0.2 (Roio)
17:30-18:30			Identification and Machine Learning for Control Systems	A0.4			Identification and Machine Learning for Control Systems	A0.4	Disp. Sist. Mecc Aut.	A0.2 (Roio)
18:30-19:30			Identification and Machine Learning for Control Systems	A0.4			Identification and Machine Learning for Control Systems	A0.4	Disp. Sist. Mecc Aut.	A0.2 (Roio)
Il Presidente CAD Prof. Stefano Di Gennaro										

\*Il corso inizia dalle ore 11:00

**ORARIO I SEMESTRE A. A. 2024/2025  
I ANNO – I SEMESTRE  
23 SETTEMBRE 2024/10 GENNAIO 2025**

**I4S – LAUREA MAGISTRALE IN INGEGNERIA  
DEI SISTEMI DI CONTROLLO E DELL’AUTOMAZIONE  
Curriculum 2: ISCAES (Intelligent Systems for Control and  
Automation of Energy Systems)**

**Insegnamenti obbligatori:**

**Fundamentals of Energy Systems** (6CFU): Prof.ssa C. BUCCELLA (3CFU), Prof. C. CECATI (3CFU) (CODICE TEAMS: qezzm2j)  
**Embedded Systems** (9 CFU): Dott. L. POMANTE (CODICE TEAMS: 3dmmszu)  
**Digital Electronic Systems** (6CFU): Prof. DE MARCELLIS / Prof. G. DI PATRIZIO STANCHIERI (CODICE TEAMS: 2qfdw6z)  
**Control of Energy Systems** (6CFU): Prof. S. DI GENNARO (3CFU), (CODICE TEAMS: g3pd4br)

**Insegnamenti a scelta:**

**Optimisation, models and algorithms (Opt. Models and Alg.)** (6CFU): Prof. C. ARBIB (CODICE TEAMS: 9578y7x)

ORA ☉	LUNEDI'	Aula	MARTEDI'	Aula	MERCOLEDI'	Aula	GIOVEDI'	Aula	VENERDI'	Aula
08:30 – 09:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Fundamentals of Energy Systems	Digital class	Digital Electronic Systems	A1.1				
09:30– 10:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Fundamentals of Energy Systems	Digital class	Digital Electronic Systems Opt. Models and Alg.	A1.1 A1.5				
10:30 – 11:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Fundamentals of Energy Systems	Digital class	Opt. Models and Alg.	A1.5			Opt. Models and Alg.	A1.3
11:30– 12:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Embedded Systems	A1.4					Opt. Models and Alg.	A1.3
12:30 -13:30			Embedded Systems	A1.4					Opt. Models and Alg.	A1.3
13:30 -14:30										
14:30-15:30	Digital Electronic Systems	A1.4			Embedded Systems	A1.4	Embedded Systems	A1.3	Digital Electronic Systems	A1.5
15:30-16:30	Digital Electronic Systems	A1.4			Embedded Systems	A1.4	Embedded Systems	A1.3	Digital Electronic Systems	A1.5
16:30-17:30	Digital Electronic Systems	A1.4	Control of Energy Systems	Digital class	Embedded Systems	A1.4	Fundamentals of Energy Systems	Digital class		
17:30-18:30			Control of Energy Systems	Digital class			Fundamentals of Energy Systems	Digital class		

Il Presidente CAD  
Prof. Stefano Di Gennaro

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23 SETTEMBRE 2024/10 GENNAIO 2025**

**I4S – LAUREA MAGISTRALE IN INGEGNERIA  
DEI SISTEMI DI CONTROLLO E DELL’AUTOMAZIONE  
Curriculum 3: EPICO (Electric Vehicle Propulsion and Control)**

**Insegnamenti obbligatori:**

**Fundamentals of Partial Differential Equations and Numerical Methods (Fundamentals PDE)** (6CFU): Prof. M. CAPONI, Prof. V. PROTASOV (CODICE TEAMS: 4mhm08h)  
**Fundamentals of Energy Systems** (6CFU): Prof.ssa C. BUCCELLA (3CFU), Prof. C. CECATI (3CFU) (CODICE TEAMS: qezzm2j)  
**Control of Energy Systems** (6CFU): Prof. S. DI GENNARO (CODICE TEAMS: g3pd4br)  
**Systems Modelling and Simulation** (6 CFU): Dott. D. BIANCHI (CODICE TEAMS: 59hlmr)  
**Embedded Systems** (6 CFU): Dott. L. POMANTE (CODICE TEAMS: 3dmmszu)

**Insegnamenti a scelta:**

ORA ⌚	LUNEDI'	Aula	MARTEDI'	Aula	MERCOLEDI'	Aula	GIOVEDI'	Aula	VENERDI'	Aula
08:30 – 09:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Fundamentals of Energy Systems	Digital class	Fundamentals PDE	0.6			Fundamental PDE	A1.1
09:30– 10:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Fundamentals of Energy Systems	Digital class	Fundamentals PDE	0.6			Fundamental PDE	A1.1
10:30 – 11:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Fundamentals of Energy Systems	Digital class					Fundamental PDE	A1.1
11:30– 12:30	Control of Energy Systems	Aula 4, primo piano, Blocco 11 B	Embedded Systems	A1.4						
12:30 -13:30			Embedded Systems	A1.4						
13:30 -14:30										
14:30-15:30			Systems Modelling and Simulation	1.1	Embedded Systems	A1.4	Embedded Systems	A1.3	Systems Modelling and Simulation	2.5
15:30-16:30			Systems Modelling and Simulation	1.1	Embedded Systems	A1.4	Embedded Systems	A1.3	Systems Modelling and Simulation	2.5
16:30-17:30			Control of Energy Systems	Digital class	Embedded Systems	A1.4	Fundamentals of Energy Systems	Digital class	Systems Modelling and Simulation	2.5
17:30-18:30			Control of Energy Systems	Digital class			Fundamentals of Energy Systems	Digital class		

Il Presidente CAD  
Prof. Stefano Di Gennaro

<b>ORARIO I SEMESTRE A. A. 2023/2024</b> <b>II ANNO – I SEMESTRE</b> <b>23 SETTEMBRE 2024/10 GENNAIO 2025</b>						<b>I4S – LAUREA MAGISTRALE IN INGEGNERIA</b> <b>DEI SISTEMI DI CONTROLLO E DELL’AUTOMAZIONE</b> <b>Curriculum 1: CSE (Control Systems Engineering)</b>				
<b>Insegnamenti obbligatori:</b> Advanced Control Systems (9 CFU): Prof. P. PEPE (CODICE TEAMS: lmyspph) Hybrid Systems Modeling (6 CFU): Prof. G. POLA (CODICE TEAMS: 4pke8ou) Optimal Control (9CFU): Prof. E. DE SANTIS, Prof. D’INNOCENZO, Prof. A. GERMANI, (CODICE TEAMS: zphkhmb)						<b>Insegnamenti a scelta:</b>				
ORA ☉	LUNEDÌ	Aula	MARTEDÌ	Aula	MERCOLEDÌ	Aula	GIOVEDÌ	Aula	VENERDÌ	Aula
08:30 – 09:30			Hybrid Systems Modeling	Lab. HPC	Optimal control	A1.2	Optimal control	1.1		
09:30– 10:30			Hybrid Systems Modeling	Lab. HPC	Optimal control	A1.2	Optimal control	1.1		
10:30 – 11:30	Advanced Control Systems	1.1	Hybrid Systems Modeling	Lab. HPC	Optimal control	A1.2	Optimal control	1.1		
11:30– 12:30	Advanced Control Systems	1.1								
12:30 -13:30	Advanced Control Systems	1.1								
13:30 -14:30										
14:30-15:30			Optimal control	A1.2					Hybrid Systems Modeling	A0.4
15:30-16:30			Optimal control	A1.2					Hybrid Systems Modeling	A0.4
16:30-17:30							Advanced Control Systems	A1.4	Advanced Control Systems	A1.4
17:30-18:30							Advanced Control Systems	A1.4	Advanced Control Systems	A1.4

Il Presidente CAD  
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Curriculum 2: ISCAES (Intelligent Systems for Control and  
Automation of Energy Systems)**

**Insegnamenti obbligatori:**

**Power Converters 2** (6 CFU): Prof. C. Cecati (CODICE TEAMS: 5vmkj2b)  
**Electric Machines and Drives 2 (Electric M&D 2)** (6 CFU): Prof. C. Cecati (CODICE TEAMS: vxu6use)  
**Machine Learning for Automation (ML4A)** (9 CFU): Prof. C. MANES, Dott. V. DE IULIIS, Prof. A. D’INNOCENZO (CODICE TEAMS: 6rvdyr6)

**Insegnamenti a scelta:**

ORA ☉	LUNEDI’	Aula	MARTEDI’	Aula	MERCOLEDI’	Aula	GIOVEDI’	Aula	VENERDI’	Aula
08:30 – 09:30					Power Converters 2	1.1	Power Converters 2	Digital class		
09:30– 10:30					Power Converters 2	1.1	Power Converters 2	Digital class		
10:30 – 11:30							Power Converters 2	Digital class		
11:30– 12:30							Electric M&D 2	Digital class		
12:30 -13:30							Electric M&D 2	Digital class		
13:30 -14:30										
14:30-15:30			ML4A	A0.4	Electric M&D 2	1.1				
15:30-16:30			ML4A	A0.4	Electric M&D 2	1.1				
16:30-17:30			ML4A	A0.4	Electric M&D 2	1.1	ML4A	A0.4		
17:30-18:30			ML4A	A0.4			ML4A	A0.4		
18:30-19:30							ML4A	A0.4		

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Prof. Stefano Di Gennaro

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DEI SISTEMI DI CONTROLLO E DELL’AUTOMAZIONE  
Curriculum 3: EPICO (Electric Vehicle Propulsion and  
Control)**

**Insegnamenti obbligatori:**

**Embedded Systems** (9 CFU): Dott. L. POMANTE (CODICE TEAMS: 3dmmszu)  
**Systems Identification and Data Analysis** (6 CFU): Prof. A D’INNOCENZO, Dott. V. DE IULIIS, Prof. A. GERMANI (CODICE TEAMS: 6rvdyr6)  
**Advanced Control Systems** (9 CFU): Prof. P. PEPE (CODICE TEAMS: lmyspph)  
**Optimal Control** (6 CFU): Prof. E. DE SANTIS, Prof. D’INNOCENZO, Prof. A. GERMANI (CODICE TEAMS: zphkhmb)

**Insegnamenti a scelta:**

ORA ☉	LUNEDI'	Aula	MARTEDI'	Aula	MERCOLEDI'	Aula	GIOVEDI'	Aula	VENERDI'	Aula
08:30 – 09:30					Optimal control	A1.2	Optimal control	1.1		
09:30– 10:30					Optimal control	A1.2	Optimal control	1.1		
10:30 – 11:30	Advanced Control Systems	1.1			Optimal control	A1.2	Optimal control	1.1		
11:30– 12:30	Advanced Control Systems	1.1	Embedded Systems	A1.4						
12:30 -13:30	Advanced Control Systems	1.1	Embedded Systems	A1.4						
13:30 -14:30										
14:30-15:30	Systems Identification and Data Analysis	A0.4	Systems Identification and Data Analysis	A0.4	Embedded Systems	A1.4	Embedded Systems	A1.3		
15:30-16:30	Systems Identification and Data Analysis	A0.4	Systems Identification and Data Analysis	A0.4	Embedded Systems	A1.4	Embedded Systems	A1.3		
16:30-17:30	Systems Identification and Data Analysis	A0.4			Embedded Systems	A1.4	Advanced Control Systems	A1.4	Advanced Control Systems	A1.4
17:30-18:30							Advanced Control Systems	A1.4	Advanced Control Systems	A1.4

Il Presidente CAD  
Prof. Stefano Di Gennaro