

Master 1 Electrical Control timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	TEC72 PW CR02	MEC74 COURSE R01	MEC72 COURSE R01		MEC71 Tutorials R01	
Monday	TEC73 PW RE LAB CR02	TEC75 PW MA2 LAB	TEC75 PW MA2 LAB		TEC74 PW CR01	
Tuesday	MEC76 COURS A17	MEC77 COURSE R03		MEC71 COURSE R03	MEC74 Tutorials R01	
Wednesday	TEC71 PW CR01	MEC72 Tutorials R01		MEC73 COURSE A17		
Thursday	MEC75 COURS R01	MEC75 Tutorials R01			MEC78 COURSE Distance learning	

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Electric energy transmission and distribution networks	MEC71	F	4	2	M. KADRI M.	M. KADRI M.	
Advanced power electronics	MEC72	F	4	2	Pr. BOUAFIA A.	Pr. BOUAFIA A.	
Microprocessors and Microcontrollers	MEC73	F	2	1	Dr. BOUKETIR O.		
In-depth electrical machines	MEC74	F	4	2	Dr. AMRANE F.	Dr. AMRANE F.	
Applied numerical methods & optimization	MEC75	F	4	2	Pr. NOURI H.	Pr. NOURI H.	
PW: Microprocessors and Microcontrollers	TEC71	M	1	1			Dr. BOUKETIR O.
PW: Electric energy transport and distribution networks	TEC72	M	2	1			Pr. SLIMANI L
PW: Advanced power electronics	TEC73	M	2	1			Pr. BOUAFIA A.
PW: Applied numerical methods & optimization	TEC74	M	2	1			Pr. NOURI H.
PW: In-depth electrical machines	TEC75	M	2	1			Dr. AMRANE F
Renewable energies	MEC76	D	1	1	Dr. MANA H.		
Quality of electrical energy	MEC77	D	1	1	Dr. HALIS A.		
Technical English and Terminology	MEC78	T	1	1	Dr. BOUSSADIA F.		

Master 1 Electrical Networks timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MER74 COURSE R01	TER71 PW CR03	TER74 PW CR03		MER75 COURSE R03	TER73 TP CR02
Monday	MER72 COURSE R03	MER74 COURSE R03	MER75 Tutorials R03		MER72 Tutorials A18	TER73 PW RE LAB
Tuesday	MER76 COURS A17	TER75 PW MA2 LAB	TER75 PW MA2 LAB	Distance learning		
Wednesday		MER71 Tutorials R03	TER72 PW CR01		MER77 COURSE R02	
Thursday		MER71 COURSE R03	MER73 COURSE R03		MER78 COURSE Distance learning	

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Electric energy transmission and distribution networks	MER71	F	4	2	M. SAHLI Z.	M. SAHLI Z.	
Advanced power electronics	MER72	F	4	2	Dr. MOUSSAOUI L.	Dr. MOUSSAOUI L.	
Microprocessors and Microcontrollers	MER73	F	2	1	Mme. BEGAG S.		
In-depth electrical machines	MER74	F	4	2	Pr. RADJELI H.	Pr. RADJELI H.	
Applied numerical methods & optimization	MER75	F	4	2	Pr. SLIMANI L.	Pr. SLIMANI L.	
PW: Microprocessors and Microcontrollers	TER71	M	1	1			Mme. BEGAG S.
PW: Electric energy transport and distribution networks	TER72	M	2	1			M. SAHLI Z.
PW: Advanced power electronics	TER73	M	2	1			Dr. MOUSSAOUI L.
PW: Applied numerical methods & optimization	TER74	M	2	1			Pr. SLIMANI L.
PW: In-depth electrical machines	TER75	M	2	1			Dr. AMRANE F
Renewable energies	MER76	D	1	1	Dr. MANA H.		
Propagation of electrical waves on the energy network	MER77	D	1	1	Dr. BERRAG		
Technical English and Terminology	MER78	T	1	1	Dr. BOUSSADIA F.		

Master 1 Industrial Electrotechnics timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MEI72 COURSE R03	TEI71 PW CR04				
Monday	MEI74 Tutorials R02	MEI72 Tutorials R02	MEI75 COURSE R02	TEI72 PW CR02	MEI71 Tutorials R06	TEI73 PW RE LAB/CR02
Tuesday	MEI76 COURSE A17	MEI74 COURSE R02	MEI75 Tutorials R02		TEI74 PW CR04	
Wednesday	TEI75 PW MA2 LAB	TEI75 PW MA2 LAB		MEI73 COURSE A17		
Thursday		MEI77 COURSE R02	MEI71 COURSE R02			MEI78 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Electric energy transmission and distribution networks	MEI71	F	4	2	M. SAHLI Z.	M. SAHLI Z.	
Advanced power electronics	MEI72	F	4	2	Dr. MOUSSAOUI L.	Dr. MOUSSAOUI L.	
Microprocessors and Microcontrollers	MEI73	F	2	1	Dr. BOUKETIR O		
In-depth electrical machines	MEI74	F	4	2	Pr. HEMSAS K.	Pr. HEMSAS K.	
Applied numerical methods & optimization	MEI75	F	4	2	M. BOUKARI L.	M. BOUKARI L.	
PW: Microprocessors and Microcontrollers	TEI71	M	1	1			Dr. BOUKETIR O
PW: Electric energy transport and distribution networks	TEI72	M	2	1			M. SAHLI Z.
PW: Advanced power electronics	TEI73	M	2	1			Dr. MOUSSAOUI L
PW: Applied numerical methods & optimization	TEI74	M	2	1			M. BOUKARI L.
PW: In-depth electrical machines	TEI75	M	2	1			Dr. DAILI Y.
Renewable energies	MEI76	D	1	1	Dr. MANA H.		
Electrotechnic materials	MEI77	D	1	1	Dr. NEMDILI S.		
Technical English and Terminology	MEI78	T	1	1	Dr. ZERROUG A.		

Master 1 Renewable Energies timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MEE72 COURSE R04	MEE76 COURSE R04	MEE75 Tutorials R04		MEE75 COURSE R04	MEE71 Tutorials R04
Monday		MEE71 COURSE R09		MEE76 Tutorials R04	MEE74 COURSE R04	TEE74 PW CR01
Tuesday	MEE74 Tutorials R06	TEE73 PW CR02	MEE72 Tutorials R01			
Wednesday	TEE71 PW CR03	MEE73 COURSE R04		MEE77 COURSE R03		
Thursday	TEE72 PW CR04	TEE75 PW MA2 LAB	TEE75 PW MA2 LAB			MEE78 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Electric energy transmission and distribution networks	MEE71	F	4	2	M. KADRI M.	M. KADRI M.	
Advanced power electronics	MEE72	F	4	2	Pr. BOUAFIA A.	Pr. BOUAFIA A.	
Microprocessors and Microcontrollers	MEE73	F	2	1	Mme. BEGAG S.		
In-depth electrical machines	MEE74	F	4	2	Pr. RADJELI H.	Pr. RADJELI H.	
Applied numerical methods & optimization	MEE75	F	4	2	Pr. NOURI H.	Pr. NOURI H.	
PW: Microprocessors and Microcontrollers	TEE71	M	1	1			Mme. BEGAG S.
PW: Electric energy transport and distribution networks	TEE72	M	2	1			M. SAHLI Z.
PW: Advanced power electronics	TEE73	M	2	1			Pr. BOUAFIA A.
PW: Applied numerical methods & optimization	TEE74	M	2	1			Pr. NOURI H.
PW: In-depth electrical machines	TEE75	M	2	1			GUETTAF N
Renewable energies	MEE76	D	1	1	Dr. LOUAREM S	Dr. LOUAREM S	
Energetic audience	MEE77	D	1	1	M. SAHLI Z		
Technical English and Terminology	MEE78	T	1	1	Dr. ZERROUG A.		

Master 1 Green Hydrogen Energy Vector

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	THV72 PW CR04	THV76 PW PE LAB		MHV78 Course R06	MHV74 Course F01	MHV74 Tutorials F01
Monday				MHV71 Course F01	THV71 PW CH LAB	THV71 PW CH LAB
Tuesday	THV72 PW CR04	MHV71 Tutorials F01	MHV77 Course F01		THV77 PW ELC LAB	
Wednesday			MHV76 COURSE A17		MHV72 Course F01	MHV72 Tutorials F01
Thursday	MHV75 Course F01	MHV75 Tutorials F01	MHV73 Course F01			MHV79 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Basics of industrial regulation of risky processes	MHV71	F	4	2	Dr. KANOUNI A	Dr. KANOUNI A	
Mathematical tools and basics of artificial intelligence	MHV72	F	4	2	Dr. BENMSAHAL B	Dr. BENMSAHAL B	
Hydrogen, Electrochemistry and batteries	MHV73	F	2	1	Dr. DERBEL S		
Energy conversion 1	MHV74	F	4	2	Dr. CHELLAL	Dr. CHELLAL	
Energy systems and hydrogen chemistry	MHV75	F	4	2	Dr. DERBEL S	Dr. DERBEL S	
Power electronics	MHV76	M	3	2	Pr. RAHMANI L		Dr. HAML A H
Basic Electrical Engineering and Semiconductor Engineering	MHV77	M	3	2	Pr. FERHAT HMIDA A.		Pr. FERHAT HMIDA
PW Energy systems and hydrogen chemistry	THV71	M	2	1			Dr. DERBEL S
PW Basics of industrial regulation of risky processes	THV72	D	2	1			Dr. KANOUNI A
Seminars: Sustainable Development and energy transition	MHV78	D	1	1	Pr. BADOUD A		
Technical English	MHV79	T	1	1	Dr. ZERROUG A.		

Master 1 Automatic and informatic industrial timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MAI72 COURS R05	TAI71 PW CR01/CR02	TAI71 PW CR01/CR02		MAI72 Tutorials R09	
Monday	MAI74 Tutorials R04		MAI75 Tutorials R04			
Tuesday	MAI75 PW CR01	MAI72 COURSE R05	TAI73/ TAI72 PW PE LAB/CR01	TAI73/ TAI72 PW PE LAB/CR01		
Wednesday	MAI71 Tutorials R06	MAI71 COURSE R06	MAI74 COURSE R04		MAI77 COURSE A18	
Thursday	MAI73 COURSE R09	MAI73 Tutorials R09	MAI76 COURSE A17			MAI78 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Signal processing	MAI71	F	4	2	Dr. MEBARKIA A.	Dr. MEBARKIA A.	
Multivariable Linear Systems	MAI72	F	6	3	Pr. BADOUD A.	Pr. BADOUD A.	
Converters-Machines Association	MAI73	F	4	2	Dr. BELHAOUCHET	Dr. BELHAOUCHET	
Optimization	MAI74	F	4	2	Dr. ATTOUI H.	Dr. ATTOUI H.	
Industrial communication networks and protocols	MAI75	M	3	2	Pr. MOSTEFAI M.		Dr. GHEDJATI K.
PW : Signal processing/TP Optimization	TAI71	M	2	1			Dr. MEBARKIA A./ Dr. ATTOUI H.
PW : Multivariable linear systems	TAI72	M	2	1			Pr. BADOUD A
PW : Converter-Machine Association	TAI73	M	2	1			Dr. BELHAOUCHET
Operational safety	MAI76	D	1	1	Pr. KHEMLICHE M.		
Hydraulics and pneumatics	MAI77	D	1	1	Dr. BEKTACHE A.		
Technical English and Terminologies	MAI78	T	1	1	Dr. ZERROUG A.		

Master 1 Automatic and Systems timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	Distance learning		MAS74 Tutorials R08	MAS72 COURSE R08		
Monday	MAS71 Tutorials R08	TAS71 PW CR02		MAS71 COURSE R08		
Tuesday	TAS73/TAS72 PW PE LAB/CR03	TAS73/TAS72 PW PE LAB/ CR03	MAS72 COURSE R07		MAS75 PW CR02	MAS75 COURSE R07
Wednesday	TAS71 PW CR02	MAS72 COURSE R07			MAS77 COURSE A18	
Thursday	MAS73 COURSE R07	MAS74 Tutorials R08	MAS76 COURSE A17		MAS73 Tutorials R08	MAS78 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Signal processing	MAS71	F	4	2	Dr. LATRECHE S.	Dr. LATRECHE S.	
Multivariable Linear Systems	MAS72	F	6	3	Dr. DOUDOU S	Dr. DOUDOU S	
Converters-Machines Association	MAS73	F	4	2	Dr. DAILI Y.	Dr. DAILI Y.	
Optimization	MAS74	F	4	2	Pr. MOKEDDEM D.	Pr. MOKEDDEM D.	
Identification Techniques	MAS75	M	3	2	Dr. JABRI D.		Dr. JABRI D.
PW : Signal processing/TP Optimization	TAS71	M	2	1			Dr. LATRECHE S./ Pr. MOKEDDEM D.
PW : Multivariable linear systems	TAS72	M	2	1			Dr. DOUDOU S.
PW : Converter-Machine Association	TAS73	M	2	1			Dr. DAILI Y.
Operational safety	MAS76	D	1	1	Pr. KHEMLICHE M.		
Hydraulics and pneumatics	MAS77	D	1	1	Dr. BEKTACHE A.		
Technical English and Terminologies	MAS78	T	1	1	Dr. ZERROUG A.		

Master 1 Industrial and process automation timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	TAP72/TAP74 PW PE LAB/MA2 LAB		MAP72 COURSE R07		MAP71 COURSE R07	TAP71 PW AUT LAB
Monday	TAP71/ TAP73 PW AUT LAB/REG LAB	MAP73 COURSE R07	MAP74 COURSE R07		TAP71 TP AUT LAB	
Tuesday	MAP78 COURSE R07	MAP72 Tutorials R07		MAP75 COURSE R07		TAP72/TAP74 PW PE LAB/MA2 LAB
Wednesday	MAP71 Tutorials R07	TAP75 PW CR02	TAP71/ TAP73 PW AUT LAB/REG LAB		MAP77 COURSE A18	
Thursday	MAP74 Tutorials R04	TAP73 PW CR02	MAP75 PW CR03	Distance learning		

Intitulé de la Matière	Code	UE	Cr	Coef	COURS	TD	TP
Industrial Automation	MAP71	F	4	2	Dr. SID M A	Dr. SID M A	
Converters-Machines Association	MAP72	F	4	2	Pr. CHAOUI A.	Pr. CHAOUI A.	
Diagrams and Devices	MAP73	F	2	1	Dr. KHARCHOUCHE F		
Systems Regulation	MAP74	F	4	2	Dr. SARI B.	Dr. SARI B.	
PW: Industrial Automation	TAP71	M	4	2			Dr. SID M A, Dr. REFFOUI S.
PW: Converters-Machines Association	TAP72	M	2	1			Pr. CHAOUI A.
PW: Systems Regulation	TAP73	M	2	1			Dr. SARI B.
PW: Diagrams and Equipment	TAP74	M	1	1			Dr. KHARCHOUCHE F
Modeling and Simulation of Dynamic Systems	MAP75	M	2	1	Dr. BOUROUBA B.		Dr. BOUROUBA B.
Introductory Internship in Business	MAP76	M	2	1	Dr. SARI B.		
Hydraulics and Pneumatics	MAP77	D	1	1	Dr. BEKTACHE A		
Mechanical Design Tools	TAP75	D	1	1			HAKIMI S
HSE, Health Safety Environment	MAP78	T	1	1	Dr. ZERROUG A.		

Master 2 Electrical Control timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday		MEC93 COURSE R03			TEC95 TP AUT LAB	MEC92 TD R02
Monday	MEC94 COURSE R01	MEC93 Tutorials R01	TEC94 PW AUT LAB	TEC94 PW AUT LAB		
Tuesday	TEC91 PW CR02	MEC91 COURSE R06	MEC92 COURSE R06		MEC95 COURSE R06	
Wednesday	MEC94 Tutorials R01	TEC93/ TEC93 PW RE LAB/CR03	TEC93/ TEC93 PW RE LAB/CR03		MEC96 COURSE R01	
Thursday	TEC92 PW CR03	MEC91 Tutorials R04	MEC94 COURSE R04		MEC97 COURSE Distance learning	

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Nonlinear control	MEC91	F	4	2	Mme. MOKADDEM S.	Mme. MOKADDEM S.	
Advanced Commands	MEC92	F	4	2	Dr. BOUROUBA B	Dr. BOUROUBA B	
Artificial intelligence techniques	MEC93	F	4	2	Dr. BELKHIR KS	Dr. BELKHIR KS	
Electrical control of industrial mechanisms	MEC94	F	6	3	M. HAMLA H	M. HAMLA H	
PW : Nonlinear control	TEC91	M	2	1			Mme. MOKADDEM S.
PW : Advanced Commands	TEC92	M	2	1			Dr. BOUROUBA B
PW : Artificial intelligence techniques / PW : Implementation of real-time digital control	TEC93	M	2	1			Dr. BELKHIR K S
PW : Electrical control of industrial mechanisms	TEC94	M	2	1			Dr. KHARCHOUCHE F
PW : API programming	TEC95	M	1	1			Mme. BEGAG S
Implementation of real-time digital control	MEC95	D	1	1	Dr. KOUADRI		
Maintenance and operational safety	MEC96	D	1	1	Dr. NECHADI E.		
Documentary research and design of Memory	MEC97	T	1	1	Pr. RADJELI H.		

Master 2 Electrical Networks timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MER91 COURSE R08	MER94 Tutorials R08				
Monday		MER97 COURS R08	MER95 Tutorials R08		MER92 COURSE R08	
Tuesday	MER96 Tutorials R08	MER96 COURSE R08	MER95 COURSE R08		MER96 PW ENET LAB	MER96 PW ENET LAB
Wednesday	MER94 COURSE R08	MER91 Tutorials R08	TER91 PW CR02		MER92 Tutorials R08	
Thursday	TER92 PW CR01		MER93 COURSE R08		MER99 COURSE Distance learning	MER98 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Operation of electrical networks	MER91	F	4	2	Dr. NEMDILI S	Dr. NEMDILI S	
Stability and dynamics of electrical networks	MER92	F	4	2	M. KADRI M	M. KADRI M	
Smart power grids	MER93	F	2	1	Dr. NEMDILI S		
Integration of renewable resources into electricity networks	MER94	F	4	2	Dr. MERAHI F.	Dr. MERAHI F.	
Industrial electrical networks	MER95	F	4	2	Pr. GHERBI A	Pr. GHERBI A	
High voltage techniques	MER96	M	5	3	Pr. BAYADI A	Pr. BAYADI A	Pr. BAYADI A
PW: Stability and dynamics of electrical networks	TER91	M	2	1			M. KADRI M.
PW: Industrial electrical networks	TER92	M	2	1			Dr. MADANI L.
Artificial intelligence techniques	MER97	D	1	1	Pr. SLIMAMI L.		
Industrial ecology and sustainable development	MER98	D	1	1	Dr. ZERROUG A		
Documentary research and design of Memory	MER99	T	1	1	Dr. MERAHI F.		

Master 2 Industrial Electrotechnics timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MEI91 COURSE R09	MEI91 COURSE R09	MEI92 Tutorials R09			
Monday	MEI91 COURSE R09	TEI92 PW AUT LAB	MEI97 COURSE R01		MEI94 COURSE R05	MEI94 Tutorials R05
Tuesday	MEI93 Tutorials R09	MEI95 COURSE R09	TEI91 PW CR02			
Wednesday	MEI96 COURSE R09	MEI92 Tutorials R09	MEI96 Tutorials R09			
Thursday	TEI92 PW AUT LAB		MEI96 PW CR01		MEI99 COURSE Distance learning	MEI98 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Transient regimes of electrical systems	MEI91	F	6	3	Pr. BAYADI A	Pr. BAYADI A	
Control of electrical systems	MEI92	F	4	2	M. HAML A H	M. HAML A H	
Diagnosis of faults in electrical installations	MEI93	F	2	1	Pr. HEMSAS K. E.		
Power Quality and Electromagnetic Compatibility	MEI94	F	4	2	Dr. MANA H	Dr. MANA H	
Artificial intelligence techniques	MEI95	F	2	1	Dr. JABRI D		
PW : Artificial intelligence techniques	TEI91	M	2	1			Dr. JABRI D
PW : Electrical systems control	TEI92	M	2	1			M. BOUSSOUAR M.Z
Sizing of industrial systems	MEI96	M	5	3	M. BOUSSOUAR	M. BOUSSOUAR	M. BOUSSOUAR
Implementation of real-time digital control	MEI97	D	1	1	Dr. KOUADRI		
Industrial ecology and sustainable development	MEI98	D	1	1	Dr. ZERROUG A		
Documentary research and design of Memory	MEI99	T	1	1	Dr. MERAHI F		

Master 2 Renewable Energies timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MEE93 COURSE R05	MEE93 Tutorials R06	MEE95 COURSE R06			MEE97 COURSE A18
Monday		MEE94 COURSE R06	MEE92 COURSE R06			
Tuesday	MEE91 COURSE R04	MEE96 PW CR04	MEE96 COURSE R03			
Wednesday	MEE91 Tutorials R05	MEE95 Tutorials R05	TEE91 PW CR04		TEE92 PW CR03	
Thursday	MEE94 Tutorials R05		TEE93 PW CR02		MEE99 COURSE Distance learning	MEE98 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Applications and sizing of renewable energy systems	MEE91	F1	4	2	Pr. CHAOUI A.	Pr. CHAOUI A.	
Energy storage and fuel cell	MEE92	F1	2	1	Dr. AMROUNE M		
Control of renewable energy systems	MEE93	F1	4	2	Mme. MOKHNACHE M	Mme. MOKHNACHE M	
Multi-source renewable energy systems	MEE94	F2	4	2	Pr. HEMSAS K. E.	Pr. HEMSAS K. E.	
Integration of renewable energies into networks	MEE95	F2	4	2	Dr. MERAHI F.	Dr. MERAHI F.	
PW : Applications and sizing of RE systems	TEE91	M	2	1			Pr. CHAOUI A.
PW : Energy storage	TEE92	M	1	1			Dr. AMROUNE M
PW : Control of renewable energy systems	TEE93	M	2	1			Mme. MOKHNACHE M
Maintenance and reliability of renewable energy systems	MEE96	M	4	2	Mme. BETCHINE F		Mme. BETCHINE F
Electric vehicles	MEE97	D	1	1	Dr. BENAYAD A		
Communication and project management	MEE98	D	1	1	Dr. BEKTACHE A.		
Documentary research and design of Memory	MEE99	T	1	1	Dr. MERAHI F		

Master 2 Automatic and informatic industrial timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	TAI93 TP CR01	MAI94 COURSE R05		MAI94 Tutorials R04	TAI93 PW CR01	MAI96 COURSE A18
Monday	MAI95 COURSE R05	MAI93 COURSE R05	MAI92 COURSE R05			
Tuesday		TAI91 PW CR01	MAI91 COURSE R05			
Wednesday	MAI93 Tutorials R02		MAI91 Tutorials R02		MAI92 Tutorials R07	MAI95 PW AUT LAB
Thursday		TAI92 PW CR04	MAI91 COURSE R05		MAI98 COURSE Distance learning	MAI97 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Advanced command	MAI91	F	6	3	Dr. NECHADI E	Dr. NECHADI E	
Control of manipulation Robots	MAI92	F	4	2	Dr. REFOUFI S	Dr. REFOUFI S	
Discrete event systems	MAI93	F	4	2	Dr. ATTOUI H.	Dr. ATTOUI H.	
FPGA and VHDL programming	MAI94	F	4	2	Dr. LATRECHE S.	Dr. LATRECHE S.	
Industrial supervision	MAI95	M	3	2	Pr. MOSTEFAI M		Pr. MOSTEFAI M
PW : Advanced command	TAI91	M	2	1			Dr. NECHADI E.
PW : Control of manipulation Robots	TAI92	M	2	1			Dr. REFOUFI S
PW : FPGA and VHDL programming	TAI93	M	2	1			Dr. LATRECHE S.
Electric vehicles	MAI96	D	1	1	Dr. BENAYAD A		
Maintenance Management	MAI97	D	1	1	Dr. BENSEMRA Y		
Documentary research and design of Memory	MAI98	T	1	1	Pr. RADJELI H.		

Master 2 Automatic and Systems timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MAS93 COURSE R02	MAS92 COURSE R02		MAS91 Tutorials R07	TAS91 PW CR02	MAS96 COURSE A18
Monday	MAS95 COURSE R07	MAS95 PW CR01	MAS95/ TAS91 PW CR01/CR03	TAS91 PW CR03	TAS91 PW CR02	
Tuesday		MAS93 Tutorials R04	MAS91 COURSE R04			
Wednesday	MAS94 Tutorials R04	TAS93 PW CR01	MAS94 COURSE R07			
Thursday	MAS92 Tutorials R08	TAS92 PW CR01	MAS91 COURSE R07		MAS98 COURSE Distance learning	MAS97 COURSE Distance learning

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Predictive and adaptive control	MAS91	F	6	3	Pr. ABDELAZIZ M	Pr. ABDELAZIZ M	
Smart control	MAS92	F	4	2	Pr. MOKEDDEM D.	Pr. MOKEDDEM D.	
Systems diagnostics	MAS93	F	4	2	Pr. KHEMLICHE M	Pr. KHEMLICHE M	
Control of manipulation Robots	MAS94	F	4	2	Dr. BABESSE S	Dr. BABESSE S	
Real-time systems	MAS95	M	3	2	Dr. MEBARKIA A		Dr. MEBARKIA A
PW : Predictive and adaptive control / PW : Intelligent control	TAS91	M	2	1			Pr. ABDELAZIZ M / VAC
PW : Systems diagnostics	TAS92	M	2	1			Pr. KHEMLICHE M
PW : Control of manipulation Robots	TAS93	M	2	1			Dr. BABESSE S
Electric vehicles	MAS96	D	1	1	Dr. BENAYAD A		
Maintenance Management	MAS97	D	1	1	Dr. BENSEMRA Y		
Documentary research and design of Memory	MAS98	T	1	1	Pr. RADJELI H.		

Master 2 Industrial and process automation timetable

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday	MAP94 COURSE R07	MAP91 COURSE R07	TAP95 PW CR04		TAP92 PW CR04	TAP92 PW CR04
Monday		MAP92 Tutorials R04	TAP93 PW CR02/REG LAB		MAP98/MAP96 PW CR04	MAP98/MAP96 PW CR04
Tuesday	MAP97 COURSE R01	MAP91 Tutorials R01	TAP93 PW CR03/REG LAB		TAP91/ TAP94 PW AUT LAB/REG LAB	TAP91/ TAP94 PW AUT LAB/REG LAB
Wednesday	TAP91/ TAP94 PW AUT LAB/REG LAB	TAP91/ TAP94 PW AUT LAB/REG LAB	MAP92 COURSE R03		MAP94 Tutorials R03	
Thursday	MAP93 COURSE R02	MAP95 PW CR03	MAP95 COURSE R06	Distance learning		

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Robot Control	MAP91	F	4	2	Dr. BABESSE S.	Dr. BABESSE S.	
Supervision and HMI	MAP92	F	4	2	Pr. MOSTEFAI M.	Pr. MOSTEFAI M.	
Systems diagnostics	MAP93	F	2	1	Pr. KHEMLICHE M.		
Advanced command	MAP94	F	4	2	Dr. SID M.	Dr. SID M.	
PW: Supervision and HMI	TAP91	M	4	2			Dr. SARI B, MOKADDEM S.
PW: Robots control	TAP92	M	2	1			Dr. BABESSE S.
PW: Systems diagnostics	TAP93	M	2	1			Pr. KHEMLICHE M.
PW: Advanced command	TAP94	M	1	1			Dr. SID M, REFFOUFI S.
Graphical programming languages	MAP95	M	2	1	M. DAAS A.		M. DAAS A.
Project tutored automatically	MAP96	M	2	1	Dr. SKHITAS		
Numerically Controlled Machine Tools (CMC)	MAP97	D	1	1	HAKIMI S		
Integrated Management Software Package (ERP)	TAP95	D	1	1			KACEM I.
Business game	MAP98	T	1	1	VAC		

Master 2 Green Hydrogen Energy Vector

	8:00 — 09:30	09:30 — 11:00	11:00 — 12:30	12:30 — 14:00	14:00 — 15:30	15:30 — 17:00
Sunday					MHV92 COURSE F06	MHV92 Tutorials F06
Monday	MHV92 COURSE F06	THV93 PW CR03	MHV92 Tutorials F06		THV92 PW CR03	
Tuesday	MHV91 COURSE F06	MHV91 Tutorials F06	MHV95 COURSE F06		THV91 PW CR03	
Wednesday				MHV93 COURSE R06	MHV94 COURSE F06	MHV96 COURSE F06
Thursday	THV94 Internships in companies (integrative project)			Distance learning		

Subject title	Coded	TU	Cr	Co	COURSE	Tutorials	PW
Multi-physics modeling and supervision of hybrid ER systems	MHV91	F	6	3	Dr. MAHGOUN S	Dr. MAHGOUN S	
Management of hybrid ER systems	MHV92	F	6	3	Pr. HEMSAS K	Pr. HEMSAS K	
Technical-economic study, resilience of hybrid ER systems	MHV93	F	6	3	Dr. AMROUNE M		
PW : Multi-physics modeling and supervision of hybrid ER systems	THV91	M	2	1			Dr. MAHGOUN S
PW: Management of hybrid ER systems	THV92	M	2	1			Pr. HEMSAS K
PW: Technical-economic study, resilience of hybrid ER systems	THV93	M	2	1			Dr. AMROUNE M
Internships in companies (integrative project)	THV94	M	3	2			
Recycling and eco-design, Energy efficiency in buildings	MHV94	D	1	1	Dr. ZERROUG A		
Hybridization and smart grid technology, thermal management of SHENR, management of operating modes	MHV95	D	1	1	Dr. MERAHI F		
Language and Social and Legal Human Sciences.	MHV96	T	1	1	VAC		