

ID	Objec.	Course name	Credits	Hours	Instructors	Starts	Month	Ends	Month	Year	Location	SSD	
1	•	Data Acquisition and Measurement	6	24	Mauro	Di Donato	28	Gen	8	Feb	2019	Uniparthenope-C/D	ING-IND/11 - FIS/01
2	•	Numerical Heat transfer	3	12	Massarotti	Arpino	18	Feb	20	Feb	2019	Uniparthenope-C/D	ING-IND/10
3	•	Computational fluid dynamics	3	12	Nithiarasu		25	Feb	27	Feb	2019	Uniparthenope-C/D	ING-IND/10
4	•	Reactive flows and combustion	3	12	Vaglieco		7	May	9	May	2019	IM	ING-IND/08
5	•	Advanced powertrain systems	3	12	Beatrice		14	May	28	May	2019	IM	ING-IND/08
6	•	Hydrogen and fuel cell systems	3	12	Jannelli	Minutillo	6	June	12	June	2019	Uniparthenope-C/D	ING-IND/09
7	•	Electrical power systems analysis	3	12	Caramia	Bracale	17	June	20	June	2019	Uniparthenope-C/D	ING-IND/33
8	•	Inverse Thermal Problems	3	12	Nowak		21	June	28	June	2019	Uniparthenope-C/D	ING-IND-11
9	•	Advanced materials for energy systems	3	12	Cioffi	Colangelo	1	July	12	July	2019	Uniparthenope-C/D	ING-IND/22
10	•	Chemical energy conversion: combustion and electro-chemical processes	3	12	Ferone	Roviello	15	July	20	July	2019	Uniparthenope-C/D	CHIM/07
11	•	Dynamic simulation and optimization for energy systems	3	12			2	Sept	13	Sept	2019	TBA	ING-IND/10
12	•	Numerical methods in energy science	3	12	Sciubba		23	Sept	28	Sept	2019	Uniparthenope-C/D	ING-IND/08
13	•	Energy Planning	3	12	Vanoli		7	Oct	18	Oct	2019	Uniparthenope-C/D	ING-IND/10
14	•	Renewable energy systems	3	12	Sancez		21	Oct	25	Oct	2019	T B A	
15	•	Meshless methods*	3	12	Sarler*			Sept		Oct	2019		
		Total	48	192									
16	•	Advanced Computer Methods for Engineering (* - **)	9	36				Jan	2019	Nov	2019	Uniparthenope-C/D	
17	•	Management of intellectual property and research projects, European funding	1	4	TBA			Sept	2019	Oct	2019	TBA	
18	•	Scientific English and writing (over two years)	12	48	TBA			Jan	2019	Oct	2020	TBA	

C/D -> Centro Direzionale
IM -> Istituto Motori-Via Claudio N.21