COURSE STRUCTURE

Monday July 8th 2024		Tuesday July 9th 2024		Wednesday July 10th 2024	
9:00 – 10:30	**Part I** Introduction to the course and to nonlinear phenomena	9:00 – 10:30	**Part IV** Relative degree, feedback linearization and zero dynamics	9:00 – 10:30	**Part VII** Steady state for nonlinear systems and output regulation
11:00 – 12:30	**Part II** Stability notions for nonlinear systems. Lyapunov criteria	11:00 – 12:30	**Part V** Global, semiglobal and practical stabilizability by state and output feedback	11:00 – 12:30	**Part VII** Principle of internal model-based control
14:30 – 16:00	**Part III** Nonlinear systems with input – Input-to-State Stability - small gain	14:30 – 16:00	**Part V** Global, semiglobal and practical stabilizability by state and output feedback		
16:30 – 18:00	**Part III** Nonlinear systems with input – Input-to-State Stability - small gain	16:30 – 18:00	**Part VI** Nonlinear observers and nonlinear separation principle		

MATERIAL

Part I: Slides-Part I.pdf
Part II: Slides-Part II.pdf
Part III: Handout I
Part IV: Handout II
Part V: Handout II, Article I
Part VI: Handout III
Part VII: Article I, Article II, Article III