Université de RENNES – ENSSAT

Academic Year 2024-2025	revision of 22/10/24

Spring Semester **2nd year Digital Systems Engineering for International Students**

Teaching Unit	Module	ECTS	Assessment		Work Load			
			Session1	Session2	Lectures	Tutorial Classes	Practical work	personal working hours
Humanities	French as a foreign language	2	Continuous	none		30		20
	Physical education	2	Continuous	none		30		5
	English	2	Continuous	none		30		20
Technical	Random signals and processes	3	Practical Work & Examination	Examination	26	10	8	30
	Digital communications	2	Continuous	none	12	4	10	15
	Image processing	2	Continuous	none	12	6	8	15
	Artificial intelligence	2	Practical Work	none	12		8	15
	Electronic interfaces	2	Continuous	Examination	6	8	16	20
	VHDL based design	4	Practical Work & Project	Examination	8	10	40	35
	VLSI Integrated circuits and systems	2	Continuous	Examination	18	4	4	15
	Real-time systems	3	Continuous & Project	Examination	12	12	12	20
	Real-time systems: coding	3	Project	none			20	30
Projects	Technical project	5	Project	none			10	60