

Generation	Course	Subject	Delivery of contents (theory)	Interactive explanation of theory	Verification of learning	Exercises	Design practice	Interaction with teacher
1st	WB.GUI (English)	Analog Electronics	Hypertext (OWL Guide)	SPICE-based simulations	_____	_____	SPICE	_____
	ESD.GUI (Italian)	Digital Electronics	Hypertext (OWL Guide)	_____	_____	_____	_____	_____
2nd	WB.TBK (Italian)	Analog Electronics	Hypertext and animations (Asymetrix ToolBook)	Local simulations embedded in hypertext	_____	_____	SPICE	_____
	ESD.TBK (Italian)	Digital Electronics	Hypertext and animations (Asymetrix ToolBook)	Local simulations embedded in hypertext	Multiple Choice Questionnaire (MCQ)	Interactive exercises and simulations (ToolBook)	Z80, ASM, and Digital simulators	_____
3rd	WB.NET (Italian)	Analog Electronics	HTML and ToolBook files (TBK)	Local simulations embedded in hypertext	_____	_____	SPICE	Teacher-learner Learner-learner on Network
	ESD.NET (Italian)	Digital Electronics	HTML and ToolBook files (TBK)	Local simulations embedded in hypertext	MCQ	Interactive exercises (HTML+TBK) Cooperative work	Z80, ASM, and Digital simulators	Teacher-learner Learner-learner on Network

Table 1.- Synoptic table of the courseware for analog and digital electronics developed at D.I.B.E. - University of Genoa.