	dule nr. kl-1010	Credit points 7 CP	Workload 210 h	Self-study 135 h	Module duration 1 Term	Module cycle Winter term	
Language German			Module owner				
2							
	Learning objectives The students should understand the principles of integral transformations and discrete transformations and able to apply them to physical and technical problems. The students shall be able to mathematically descri and analyse continuous and discrete signals and systems (LTI) in time domain and in the corresponding ima area. The techniques of this module are essential tools which will be needed in many follow-up modules.						
3	Recommended prerequisites for participation Elektrotechnik und Informationstechnik I und Elektrotechnik und Informationstechnik II						
4	 Form of examination DefaultModule exam: DefaultModule exam (Technical examination, Examination, DefaultDuration: 120 Min., Default RS) 						

6	 Grading DefaultModule exam: DefaultModule exam (Technical examination, Examination, Weighting: 100 %) 							
7	Usability of the module BSc ETiT, BSc MEC, BSc Wi-ETiT, LA Physik/Mathematik, BSc CE, BSc iST							
8	Grade bonus compliant to §25 (2) Yes, if not feasible in presence							
9	 in electronic form Basic Literature: A. Fettweis 1996. S. Soliman 1990. T. Frey, M. H. Clausert Otto Fölling Exercises: 	e: eis, Elemente nachrichtentechnischer Systeme, Teubner Verlag, 2. Auflage, Stuttgart/Leipzig, an and M.D. Srinath, Continuous and Discrete Signals and Systems, Prentice Hall, New Jersey, <i>A.</i> Bossert, Signal- und Systemtheorie, Teubner Verlag, 2004 ert, G. Wiesemann "Grundgebiete der Elektrotechnik 2", Oldenbourg, 1993. inger "Laplace-, Fourier- und z-Transformation", Hüthig, 2003.						
Co	purses							
	DefaultCourse Course name nr. 18-kl-1010-vl Deterministic Signals and Systems							
	Instructor Prof. DrIng. Anj	a Klein, Prof. DrIng. Marius Pesavento	Type Lecture	SWS 3				
	DefaultCourse nr. 18-kl-1010-ue	Course name Deterministic Signals and Systems		·				
	InstructorTypeProf. DrIng. Anja Klein, M.Sc. Maximilian Wirth, Prof. DrIng. MariusPracticePesavento							