


ELECTRONICS_S7_MIN Fall Semester Graduate	Electronics	4 credits Lab: 37.5% Final exam (3h): 62.5%
Prerequisite: S5 & S6 Electronics lectures		

DEP_2301	Electronic Systems II	Language 
Lecture: 16	Tutorials: 18	Lab work: 16
<p>This module focuses on analog electronics functions and fundamental concepts. At the end of the module, the students are able to design most of analog electronic circuits.</p> <ul style="list-style-type: none"> - First harmonic approximation. Transistor model using this approximation. Non-linear behavior of amplifiers, distortion. - Oscillators - Phase-locked loop. Static, dynamic state, sequential detector loop - Transmission lines model. Behavior in transient state. 		