

Sınav Konuları ve Referans Kitaplar

1. Design of Latch and Flip-Flops
2. Synchronous Sequential Circuit Design
3. State Reduction and Assignment
4. Register Transfer Level & Design with ASM
5. Simple processor design
6. Asynchronous Sequential Digital Circuit Design

Textbooks

1. M. Morris Mano and Michael D. Ciletti "Digital Design", Fifth Edition, Prentice Hall, 2013.
2. Frank Vahid and Roman Lysecky "Verilog for Digital Design", Wiley 2007.
3. http://www2.ece.ohio-state.edu/~degroat/ece3561_web_page.htm
4. Randy H. Katz, Gaetano Borriello, "Contemporary Logic Design (2nd Edition)", Pearson
5. Frank Vahid, "Digital Design", 1st Edition, Wiley
6. JensSparsø, "AsynchronousCircuitDesign", A Tutorial
7. J. Sparsø and S. Furber (eds.), "Principles of asynchronous circuit design-A systems perspective". KluwerAcademicPublishers, 2001. 337 pages.