EECT7325 - Advanced VLSI Design

**ECT 7325 (CE 7325)** Advanced VLSI Design (3 semester credit hours) Advanced topics in VLSI design covering topics beyond the first course (EECT 6325). Topics include: use of high-level design, synthesis, and simulation tools, clock distribution and routing problems, (a)synchronous circuits, low-power design techniques, study of various VLSI-based computations, systolic arrays, etc. Discussions on current research topics in VLSI design. Prerequisite: EECT 6325 or equivalent. (3-0) R (2016-02-06 00:08:45)