

EECT7325 - Advanced VLSI Design

[EECT 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