TE4341 - Digital Logic and Computer Design

**TE 4341** Digital Logic and Computer Design (3 semester credit hours) Boolean algebra and logic circuits; synchronous sequential circuits; gate level design of ALU, registers, and memory unit; register transfer operations; design of data path and control unit for a small computer; Input-Output interface. Credit cannot be received for both courses, *(CS 4341 or TE 4341)* and *(CE 3320 or EE 3320)*. Prerequisites: *(CE 2310 or EE 2310)* or *(CS 3340 or SE 3340 or TE 3340)* and *PHYS 2326*. Corequisite: *(CS 4141 or TE 4141)*. *(Same as CS 4341)* (3-0) S