ETRO 201 : Digital Computer Technology I

Introduces digital computer technology. Studies binary and hex number systems and codes, Boolean algebra, logic circuits, and data circuits including flip-flops. Designs, analyzes, builds, models, and troubleshoots digital circuits. Characterizes counter circuit input and output waveforms. Utilizes LED display circuits, phototransistors, transistors, and operational amplifiers.

Credits 4
Lecture/Lab Credits 120
Teaching Equivalent 6.67
Prerequisites
ETRO 105 with grade C or better, or consent.