

Faculty of Engineering & Technology

Digital Systems

Information :

Course Code : EED322

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Mechatronics Engineering

Instructor Information :

Title	Name	Office hours
Professor	Mohamed Abdelmonem Abouelela Mohamed	2
Teaching Assistant	Mia Mohamed Fawzy Abdelhamid Alatawy	
Teaching Assistant	Salma Haytham Talaat Abdelalim Gouda	

Description :

Number systems; Codes and coding; Logic gates; Minimization techniques applied to design of logic systems; Combinational circuits; Latches, flip-flops, registers and counters; Synchronous sequential circuit design; State machines; Memory and I/O logic elements; Discussion of microprocessors; Analog/digital and digital/analog converters.