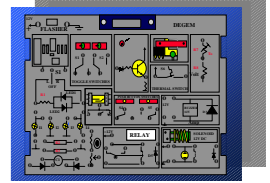


# LOGIC CIRCUITS: EB-131, EB-132



The EB Modules 131/132 are single boards providing comprehensive instructional courses designed to teach the concepts of LOGIC CIRCUITS to technology students. The modules can be operated as stand-alone units or integrated to the newly developed EB-2000 Computer Managed Laboratory. The modules contain experimental circuits with which the student performs a number of conceptual experiments at various levels of difficulty. Manual or computer driver faultfinding exercises and testing provide valuable experience in the training and diagnosis of faults. Students are required to do only a minimal amount of wiring so training time is maximised. The module also ensures that students use their time more efficiently. The boards comes also equipped with "black boxes" containing components used in the fault-finding and practice modes, components which should not be visually identified by the trainee.

## OBJECTIVES

- AND Gates
- OR Gates
- Combining Logic Gates
- NOT Gates and Boolean Algebra
- Logic Levels
- NAND Gates
- NAND Equivalent Circuit
- NOR Gates
- NOR Equivalent Circuit
- EXCLUSIVE - OR Gates
- Digital Comparator

