

ECSE 549. EXPERT SYSTEMS IN ELECTRICAL DESIGN.

Credits: 3

Offered by: Electrical & Computer Engr (Faculty of Engineering)

This course is not offered this catalogue year.

Description

Design processes in electrical engineering. Hierarchical design. Computer aided design. Expert system technology. Device representations, heuristics and structures, algebraic models. Design versus diagnosis, "Shallow" and "Deep" systems, second generation (multi-paradigm) systems. Shells and their uses in design systems. Knowledge acquisition systems.

- (3-0-6)
- Prerequisites: (ECSE 323 or ECSE 325) and (ECSE 361 or ECSE 362)

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