

EECE-508: Intelligent Systems and Applications

Overview of artificial intelligence, representation of knowledge, rule based expert systems, introduction to expert systems languages such as LISP, OPS, and PROLOG, basic concepts of fuzzy theory, relations, regression models, mathematical programming, neural networks, learning architectures, application of neural networks and expert systems, fuzzy systems to control, communications and power systems.

Credits: 3

Program: Electric & Computer Engineering