

**CEN 457: Intelligent Systems and its Application in Computer Engineering**

- Credit Hours (Lectures, Lab, Tutorial): 3 (3 + 0 + 1).
- Prerequisites: Final year (less than 40 hours to graduate).

**Courses content:** AI Definitions, Knowledge representation, Search techniques, connectionist neural networks, learning and adaptation, self-organization, fuzzy set theory and fuzzy logic, intelligent agents, genetic algorithms, Internet applications.