COURSE DETAIL

INTRODUCTION TO INTELLIGENT SYSTEMS
Country Korea, South
Host Institution Seoul National University
Program(s) Seoul National University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 146
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO INTELLIGENT SYSTEMS
UCEAP Transcript Title INTR INTELLIGNT SYS
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course introduces the foundations of intelligent systems, such as probabilistic modeling and inference, statistical machine learning, computer vision, and robotics, to undergraduate students. Topics include Bayesian networks, hidden Markov models, Kalman filters, Markov decision processes, linear regression, linear classification, and nonparametric models. Students will also learn about how these methods are applied to practical applications such as computer vision and robotics.

Language(s) of Instruction
English

Host Institution Course Number
430.457 001

Host Institution Course Title
INTRODUCTION TO INTELLIGENT SYSTEMS

Host Institution Course Details
https://sugang.snu.ac.kr/sugang/cc/cc100InterfaceSrch.action

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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