

# 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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