COURSE DETAIL

IMAGE PROCESSING

Country
Netherlands

Host Institution
Utrecht University

Program(s)
Utrecht University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
104

UCEAP Course Suffix

UCEAP Official Title
IMAGE PROCESSING

UCEAP Transcript Title
IMAGE PROCESSING

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

Image Processing offers the basic knowledge required for manipulation of digital images. This includes simple operations on grey values (e.g. for image enhancement and object extraction) and spatial operations (e.g. for detecting object edges and geometric image transformation). The course includes the following topics: histograms and point operators; morphological filters; spectral techniques; color spaces and quantization; detecting curves and corners; automatic thresholding; comparing images.

Language(s) of Instruction

English

Host Institution Course Number

INFOIBV

Host Institution Course Title

IMAGE PROCESSING

Host Institution Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information and Computing Sciences

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