

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 Course Details**Host Institution Campus**

Science

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Information and Computing Sciences

Course Last Reviewed

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