

# COURSE DETAIL

## COMPUTER VISION

**Country**

Canada

**Host Institution**

University of British Columbia

**Program(s)**

University of British Columbia

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

141

**UCEAP Course Suffix****UCEAP Official Title**

COMPUTER VISION

**UCEAP Transcript Title**

COMPUTER VISION

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course offers an introduction to the processing and interpretation of images. It examines image sensing, sampling, and filtering. Topics include: algorithms for color analysis; texture description; stereo imaging; motion interpretation; 3D shape recovery; recognition.

**Language(s) of Instruction**

English

**Host Institution Course Number**

CPSC 425

**Host Institution Course Title**

COMPUTER VISION

**Host Institution Campus**

UBC Vancouver

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

Computer Science

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