

# COURSE DETAIL

## ADVANCED COMPUTER GRAPHICS

**Country**

United Kingdom - England

**Host Institution**

Imperial College London

**Program(s)**

Imperial College London

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

187

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

ADVANCED COMPUTER GRAPHICS

**UCEAP Transcript Title**

ADV COMP GRAPHICS

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

**Course Description**

In this class you will have the opportunity to examine modern techniques in realistic computer graphics and image synthesis, as well as finding out about image-based techniques for photorealism, recent developments in global illumination, and techniques for material appearance capture and rendering. Students will be briefly introduced to up-to-date machine learning approaches for realistic computer graphics.

**Language(s) of Instruction**

English

**Host Institution Course Number**

CO417

**Host Institution Course Title**

ADVANCED COMPUTER GRAPHICS

**Host Institution Course Details****Host Institution Campus**

Imperial College

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

Computing

**Course Last Reviewed**

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