

COURSE DETAIL

COMPUTER GRAPHICS, VISUALIZATION AND MODELING FOR ENGINEERS

Country

Chile

Host Institution

University of Chile

Program(s)

University of Chile

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering

UCEAP Course Number

108

UCEAP Course Suffix**UCEAP Official Title**

COMPUTER GRAPHICS, VISUALIZATION AND MODELING FOR ENGINEERS

UCEAP Transcript Title

CP MODELING/ENGRS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides a study of graphic software techniques and methods used to approach interdisciplinary problems in engineering and the physical sciences. It covers methods for modeling, solving, and visualizing computational problems involving complex geometries/ three dimensional figures and their associated data using programs such as OpenGL, MATLAB, Python, and other specific software (CAD and Solid Edge).

Language(s) of Instruction

Spanish

Host Institution Course Number

CC3501-1

Host Institution Course Title

COMPUTACION GRAFICA, VISUALIZACION Y MODELACION PARA INGENIEROS

Host Institution Course Details

https://ucampus.uchile.cl/m/fcfm_catalogo/programa?bajar=1&id=3501

Host Institution Campus

Campus Beaucheff

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

Facultad de Ciencias Fisicas y Matematicas

Course Last Reviewed

2018-2019

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