



## Course guide

### 290262 - IASAP3 - Building Envelope Design

Last modified: 21/06/2023

**Unit in charge:** Vallès School of Architecture  
**Teaching unit:** 753 - TA - Department of Architectural Technology.  
**Degree:** DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).  
**Academic year:** 2023    **ECTS Credits:** 3.0    **Languages:** English

#### LECTURER

**Coordinating lecturer:** Pablo Garrido  
**Others:** Jaime Prous

#### PRIOR SKILLS

Basic knowledge about building construction concepts and physics

#### TEACHING METHODOLOGY

Classes: technical principles about solar protection and analysis of case studies  
Visits: analysis on site of some case studies  
Exercise: design of an architectural skin with solar protection system (team work)

#### LEARNING OBJECTIVES OF THE SUBJECT

#### CONTENTS

##### BUILDING ENVELOPES: CASTING SHADOWS

**Description:**

content english

**Full-or-part-time:** 9h 40m

Theory classes: 3h 20m

Laboratory classes: 3h 20m

Guided activities: 3h

#### GRADING SYSTEM

Exercise: 90%  
Personal evaluation: 10%

#### EXAMINATION RULES.

In order to qualify for a final grade, a minimum of 80% of class-hours attendance is compulsory.