



**NAAB International Certification**

**Appendix 1: Template for Course Descriptions - Electives [limit 1 page per course]**

**Number & Title of Course (total credits awarded):**

ELARCH4&506 - Light and Color - Semester - ECTS - Cycle/Profile: - Scientific Area:

**Course Description (limit 25 words)**

Understand the perceptual spatial variations arising from the interaction between matter, light and color and be able to apply these concepts to the development of the idea of Architecture.

**Course Goals & Objectives (list):**

Understand the perceptual spatial variations arising from the interaction between matter, light and color.

Understand the theoretical framework that informs the colour naming systems and the chromatic manipulation

Learn to use Matter, light and color to better define and qualify architectural spaces.

Use NCS (Natural Color System) in the design process of architecture.

Be able to elaborate a Color Project in architecture.

**Student Performance Criterion addressed (list number and title):**

Primary - A.2 Design Thinking Skills; A.4 Architectural Design Skills; Secondary -

**Topical Outline (include percentage of time in course spent in each subject area):**

Studio Work; 15%

Lecturing; 60%

Tutoring; 10%

Critics; 5%

Final Review; 5%

Readings; 5%

**Textbooks/Learning Resources:**

PERNÃO, João ; Light and colour in the process of teaching architectural design.London; Elsevier, 2017

**Offered (semester and year):**

2nd Year - Fall;

**Faculty assigned (list all faculty assigned during the two academic years prior to the visit):**

João Nuno de Carvalho PERNÃO;