

ARCHITECTURAL LIGHTING DESIGN PROCESS - MICRO-CREDENTIAL

This program provides broad foundational knowledge of architectural lighting terminology, technology and practices, combined with specialized knowledge and experience with the different phases of the architectural lighting design process. Students apply the knowledge gained to develop and present a schematic lighting design proposal for a realistic architectural space.

Eligibility

Professional community in architectural lighting, some of whom may be enrolled as CU students in related Continuing Education courses. (Not available to students in the general CU Boulder student population.)

Delivery Mode

Hybrid of in-person and online delivery.

Credit Status

Noncredit

Academic Level

Professional

Time to Completion

Varies

Fee

Yes

Requirements

Students must complete at least 16 hours of instruction and exercises to achieve the foundational knowledge required for the credential, and an additional 12 hours of skills-based exercises that culminate in a completed lighting design proposal. These hours may be achieved through the annual Rocky Mountain Lighting Academy's Short Course or through the AREN 5510, AREN 5520 and AREN 5530 course sequence.

Criteria

The architectural lighting design process integrates familiarity with the products and systems used for architectural lighting with an understanding of the stages of the design process and the documentation common at each stage. Learners who complete this micro-credential can:

- Describe the roles of the key people and organizations involved in architectural lighting.
- Identify important performance characteristics of lighting products and systems Summarize the stages of the standard architectural lighting design process.
- Prepare lighting design documentation such as light maps, schedules, reflected ceiling plans and product cut sheets.

Skills

- Lighting concepts
- Lighting design

- Light maps / glow plans
- Lighting practice
- Lighting systems
- Lighting technology
- Luminaire schedule
- Mood boards
- Reflected ceiling plan