



LIGHTING EDUCATION FOR PROFESSIONALS

THE RMLA SHORT COURSE DESIGN TRACK

You should take this course if you work in . . .

- lighting design and want more depth in developing strong design concepts
- lighting sales and want to grasp how designers incorporate new technology into their designs
- engineering or product development and want to understand the design aspects of lighting
- interior design, architecture, or theater and want to develop new expertise

You should take this course because you want to . . .

- gain a deeper understanding of the design process
- be able to describe the aesthetic qualities of light
- translate desired aesthetic qualities into design concepts
- sharpen skills in developing and communicating cohesive lighting concepts
- practice presenting and defending your concepts to a group
- acquire hands-on experience with different lighting products and materials
- experiment with different ways to solve practical lighting challenges
- learn the latest about LED luminaires, controls, and other emerging lighting technologies
- gain new ideas for applying daylighting into architectural interiors
- practice applying technical information such as TM-30 color metrics, product cut sheets, and light and health considerations to your designs

This may not be the right course for you if . . .

- you are a highly technical person who is primarily interested in the science of lighting
- you love to run lots of calculations but don't enjoy hands-on concept experiments
- you are a highly experienced lighting designer with a formal lighting background and strong conceptual skills (but then again, a refresher never hurts!)
- you have less than one year of experience working in lighting (the content assumes some basic familiarity with lighting lingo and practices)

Track details (see next page for full schedule)

Course begins at 8:30 AM on Thursday (continental breakfast available at 8:00 AM)

Course ends at 1:00 PM on Sunday (Travel from DIA should not be scheduled before 3:00 pm)

Coffee and pastries, break snacks and lunch included each day

An evening reception is included

Additional information: <http://www.colorado.edu/rmla/>



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THE RMLA SHORT COURSE DESIGN TRACK – OVERVIEW OF SCHEDULE

Thursday – Lighting & People

- 8:00 AM Continental breakfast*
- 8:30 AM Delivering light to people: An overview of the lighting industry*
 - Lighting quantities & concepts: Hands-on experiences*
 - Vision, spectrum, and human responses*
 - Light and color discussion & exercises*
 - Light and health discussion & exercises*
- Evening Welcome gathering*

Friday – Lighting & Technology

- 8:30 AM Technology trends in lighting (SSL, IoT, MatSci)*
 - Lighting & Technology Case Study*
 - Design project: Concepts
 - Design project: Field work
- 5:30 PM Adjourn

Saturday – Lighting & Design

- 8:30 AM Lighting design process and case studies*
 - Light, architecture and perception exercise*
 - Design project: Schematic Design
- 5:30 PM Adjourn

Sunday

- 8:30 AM Design project: Design documentation & communication
 - Design project presentations
 - Course wrap-up and discussion; lunch*
- 1:00 PM Adjourn

* These course sessions are held jointly with the RMLA Technical Track.