

## THE RMLA DESIGN COURSE

*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 and product cut sheets 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!)

### **Course details (see next page for full schedule)**

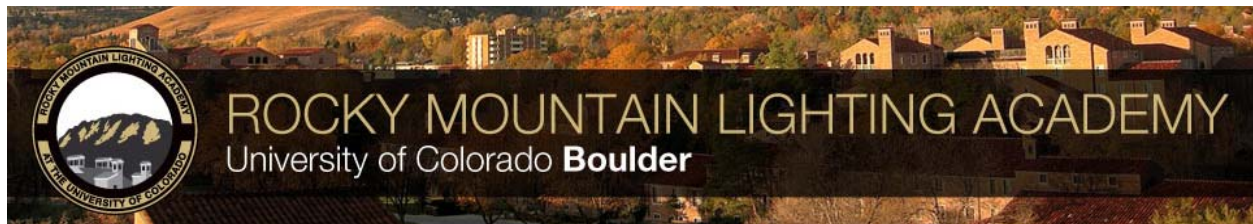
Course begins at 8:30 AM on Thursday (breakfast available at 8:00 AM)

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

Evening reception and farewell lunch included

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



## THE RMLA DESIGN COURSE – OVERVIEW OF SCHEDULE

### Thursday

- 8:00 AM Course begins  
Welcome and introductions  
Delivering light to people: An overview of the lighting industry  
Light, vision and perception  
*Hands-on visual perception exercise in CU Campus buildings*  
Light and color: New metrics  
Light and health: Non-visual effects of light
- 6:00 PM Informal gathering at downtown Boulder venue

### Friday

- 8:30 AM Photometry introduction  
Sources, luminaires and controls  
Design project: Introduction and conceptual development  
Design project: Designing for daylighting
- 7:00 PM Group dinner

### Saturday

- 8:30 AM Introduction to the aesthetics of light  
*Hands-on lighting aesthetics exercise*  
*Hands-on developing the interior lighting plan*  
Lighting design process: Turning a concept into reality  
Aesthetics of light student presentations and discussion
- 7:00 PM Free evening

### Sunday

- 8:30 AM *Hands-on work on lighting design project*  
Student project presentations  
Course wrap-up and discussion; lunch
- 1:00 PM Adjourn

*Italicized topics are active learning sessions that require students to participate and complete an assignment.*