

Course Schedule

Outdoor Lighting Institute

Day 1

Time	Topic	Presenter
8:00 AM	Arrival, continental breakfast	
8:15 AM	Introductions and review of agenda	D. Frering
8:45 AM	Terminology and measures used in outdoor lighting	D. Frering
9:30 AM	Introduction to Outdoor Lighting: Why do we light? Recommended practices for outdoor lighting; lighting's role in safety and security	J. Bullough
10:30 AM	Break	
10:45 AM	Introduction to Outdoor Lighting (continued)	J. Bullough
11:15 AM	Traditional technologies used in outdoor lighting (lamps, luminaires, controls)	L. Radetsky
12:15 PM	Lunch	
1:00 PM	Lab demonstration: Brightness, glare, color, LED retrofit	Various staff and students
2:15 PM	Nighttime vision and outdoor lighting; demonstration projects	R. Leslie
3:00 PM	Health implications of outdoor lighting	J. Brons
3:30 PM	Break	
4:00 PM	Evaluations of outdoor lighting technologies	L. Radetsky
4:30 PM	Light pollution measurement and mitigation	J. Brons
5:15 PM	Adjourn	
6:00 PM	Dinner	
7:30 PM	Nighttime exercise (visit three sites to view and evaluate outdoor lighting installations)	Various staff and students

Day 2

Time	Topic	Presenter
8:45 AM	Arrival, continental breakfast	
9:00 AM	Review of previous day	D. Frering
9:15 AM	LED outdoor lighting systems	N. Narendran
10:15 AM	Break	
10:30 AM	Recommendations for outdoor lighting systems using LEDs	J. P. Freyssinier
11:30 AM	Lighting software used in outdoor lighting design	L. Radetsky
12:00 PM	Lunch	
12:45 PM	Economics of outdoor lighting	P. Morante
1:30 PM	New outdoor lighting techniques: crosswalk, ecoluminance, dynamic outdoor lighting	J. Bullough
2:00 PM	Alternative outdoor lighting practices	J. Bullough & L. Radetsky
2:45 PM	Design practical exercise: using what you have learned	Various staff
5:00 PM	Adjourn	