

3rd YEAR SYLLABUS**SEMSTER 2**

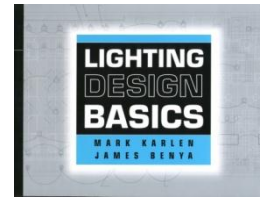
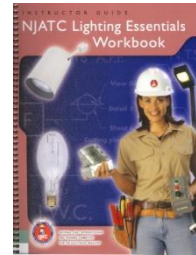
Syllabus number	Title	Book Number	Lesson
-----------------	-------	-------------	--------

Section 1

1	Light Sources	J259.I	1
2	The Science of Light	J259.I	2
3	Luminaires	J259.I	3
4	Basic Concepts of Switching and Dimming	J259.I	4
5	Daylighting	J259.I	5
6	Lighting Calculations and Documentation	J259.I	6
7	Lighting Concepts	J259.I	7

Section 4

8	Understanding Fluorescent and HID Lighting Terminology	J259.I	13
9	The ABCs of Electronic Fluorescent Ballasts	J259.I	14
10	The ABC's of High Intensity Discharge (HID) Ballasts I	J259.I	15
11	The ABC's of High Intensity Discharge (HID) Ballasts II	J259.I	16
12	Introduction to LED Lighting and Technology	J259.I	19
13	LED Lighting in Detail	J259.I	20
14	LED Lighting Applications	J259.I	21

Week 4 Books

You are NOT required to have one; however if you have a laptop it could be beneficial for the next 2 class weeks, as we will be covering PLCs.