

Lighting Syllabus

COURSE TITLE:	Lighting		
COURSE NUMBER:	ID-212	SECTION:	
MCO PREPARED BY	Erin Cantor	DATE:	Rev. July 22, 2008
INSTRUCTOR NAME AND CONTACT:	NAME: RANDY SABEDRA PHONE: (718) 554-6218, FAX: (240) 269-3255 EMAIL: RANSAB@AOL.COM OFFICE HOURS: MY OFFICE HOURS ARE IMMEDIATELY AFTER EACH CLASS – 12:15PM TO 1:45PM. <ul style="list-style-type: none"> • YOU MAY CONTACT ME OUTSIDE OF CLASS OR OFFICE TIME SCHEDULE. • PLEASE DO NOT LEAVE MESSAGES IN MY DEPARTMENT. OFFICE LOCATION: 11-17 Beach Street CLASSROOM: B636	SYLLABUS PREP. DATE:	Oct 16, 2008
CREDIT HOURS:	3 Credits		
COURSE LENGTH:	11 weeks		
CONTACT HOURS:	Lecture: 22 Lab: 22 Total: 44		
COURSE SCHEDULE:	Days: Thursday Time: 8:15AM-12:15PM Dates:		
UNIT OF ACADEMIC MEASUREMENT:	Quarter System		
PREREQUISITES:	None		
CO REQUISITES:	None		
CATALOG COURSE DESCRIPTION:	This course is designed to introduce students to the characteristics of lighting, lighting design, and the methods of control in order to achieve successful environments.		

	TEXTBOOKS AND MATERIALS	(CHECK ONE)	
		REQUIRED	OPTIONAL
TEXTBOOK (S)	None (<i>Optional list of reference books provided online</i>)		
RESOURCES & SUPPLIES	<p>Lecture Handouts: All lectures are presented PowerPoint. Handouts will be posted one week before each scheduled class. (I will notify you via email when handouts are posted.)</p> <p>Handouts can be found on my website: www.rsltg.com</p> <p>Library: AiNYC Students have access to the Metropolitan College Library on the 12th Floor of 75 Varick Street. There is a good selection of graphic design, interactive media design and fashion design books available to you. Contact the library for their current hours of operation at: (212)-343-1234, Ext. 2001 or you may check online at: http://www.metropolitan.edu/library/info1.php.</p>	X	

PERFORMANCE OBJECTIVES:	<p>Upon completion of this course, the student should be able to do the following:</p> <p>✓ Students will be able to develop lighting concepts, research fixture products, perform simple lighting calculations, read light fixture catalog sheets, produce reflected ceiling plans, and write fixture specification.</p>
INSTRUCTIONAL METHODS:	This class is taught using a lecture/discussion and laboratory format along with a variety of techniques to re-enforce lectures. These techniques may include but are not limited to weekly assignments, quizzes, presentations and a final project.
LIBRARY ASSIGNMENTS:	<p>Insert Library research project here</p> <p>Outside research is required to complete the library research project. This information may be found by utilizing the resources in the school library or other library research resources located in the City. In addition, various Internet web sites, publications, journals, and periodicals can supplement all of the material presented in class.</p>
GRADING:	<p>Student performance will be evaluated based upon the following criteria:</p> <p>Class Participation: 10%</p> <p>Assignment One: 45% (75% on process/exploration, 25% on final presentation)</p> <p>Assignment Two: 45% (75% on process/exploration, 25% on final presentation)</p> <p>Grading for all assignments is based primarily on your process – your ability to present and discuss how you explored and studied each assignment from beginning to end. Materials to demonstrate and sketches to explain your design intent is required for all desk reviews.</p>

**GRADING
POLICIES:**

Grading / Student Performance:

A	= 94 – 100 %	Excellent
A -	= 90 – 93 %	
B +	= 87 – 89 %	Above Average
B	= 84 – 86 %	
B -	= 80 – 83 %	
C +	= 77 – 79 %	Average
C	= 74 – 76 %	
C -	= 70 – 73 %	
D +	= 67 – 69 %	Below Average
D	= 60 – 66 %	
F	= 59 % & Below	Poor

**GRADING
SCALE:**

Guidelines for Achievement:

- A,** Demonstrates **exceptional** exploration or preparation during desk reviews, and **extraordinary** solutions of all assignments.
- A-**
- B+,** Demonstrates **adequate** exploration or preparation during desk reviews, and completes all assignments.
- B,**
- B-**
- C+,** Demonstrates **little** exploration or preparation during desk reviews, and completes all assignments.
- C,**
- C-**
- D+,** Demonstrates **no** exploration or preparation during desk reviews, and completes all assignments.
- D**
- F** **Anything else is a failing grade.**

*****Showing up to class and doing all assignments with no progress does not constitute a passing grade.*****

**COURSE
POLICIES:**

1. The instructor will schedule appropriate breaks during the class.
2. All lectures are presented PowerPoint. Handouts will be posted one week before each scheduled class. (I will notify you via e-mail when handouts are posted.). **Course Handout Website:** www.rsltg.com (*Select your course area.*)
3. Students are required to print their own copies of the handouts before each session. You must have the handouts for every lecture for note taking.
4. Your handouts should be kept and organized in a 3-inch 3-Ring Binder with Dividing Tabs (Labels: Vision, Design, Lamps, Fixtures and Applications, and Lighting Math.) Students encouraged creating their own criteria for organizing topics. This binder becomes your personal lighting text book!
5. **Late work:** All assignments are due at the beginning of class. Late work will be marked down a full letter grade for each class session not turned in.
6. **Attendance Policy:** Attendance is mandatory. There is no substitute for working and participating in class. Absence will impact the final grade. Undue tardiness following a given break will result in an absence. Leaving before the class is over is considered an absence.
7. **Tardy Policy:** Two tardies will be counted as one absence. Fifteen minutes late is considered tardy. Over thirty minutes late is considered absence.
8. **Disabilities:** It is AiNYC policy not to discriminate against qualified students with documented disabilities in its educational programs, activities or services. If you have a disability-related need for adjustments or other accommodations in this class, contact the Academic Advisor or School Counselor.

ATTENDANCE:

Because of the intensive nature of the programs at The Art Institute of New York City, absences jeopardize a student's ability to successfully complete his or her studies. If, for some critical reason, a student finds it necessary to be absent, late, or leave early it is the student's responsibility to notify the Instructor and Department Chair, and make up all work missed.

Accumulated tardy, leaving class early or absenteeism in any one course will affect performance and grades.

Excessive absenteeism will result in the student having to repeat the course. For the specific requirements of individual courses, refer to the course outline provided by the instructor. The following chart reflects the amount of absences/class hours that will result in the student being withdrawn from the class for various course combinations in a quarter. Students will receive a "W" if withdrawn on or prior to the last day of the ninth week of the quarter. A "WF" will appear if the student is withdrawn after Week nine resulting in a negative on their GPA. If a student is withdrawn from a course the student must be rescheduled as soon as possible to retake it.

STUDENTS ARE WITHDRAWN ON THE 8TH ABSENCE FOR KITCHEN CLASSES AND ON THE 4TH ABSENCE FOR ALL OTHER CLASSES

Students who miss 10 consecutive class days may have their enrollment automatically terminated.

The attendance policy does not give you permission to miss a class. Absenteeism from a class will have a negative affect on your grade.

STANDARDS OF PROFESSIONAL BEHAVIOR:**Criteria:**

- Attendance & Punctuality
- Active Participation in discussion
- Quality of work
- Academic Integrity (No plagiarism)
- Attention to detail
- Classroom etiquette (cell phones/beepers off)
- Respect for peers and instructor
- Ethical decision-making
- Additional criteria here

Weekly Topical Class Meeting Outline:

MEETING	DESCRIPTION OF CONTENT	
Week 1 Oct 9		
Week 2 Oct 16	Lecture:	Introduction of Course <ul style="list-style-type: none"> • Light • Vision
	Lab:	
	Home Assignment:	Send me an e-mail to RanSab@aol.com - with subject Art Institute Lighting Student, and your name in the body
Week 3 Oct 23	Lecture:	Lamps and Sources <ul style="list-style-type: none"> • Optics • Controlling Light • Electricity and Basic Wiring
	Lab:	Assignment One Introduction
	Home Assignment:	Develop concept sketches, determine source and material options
Week 4 Oct 30	Lecture:	Light in Architecture <ul style="list-style-type: none"> • Psychology of Light • Quality of the Visual Environment
	Lab:	Desk Reviews of Assignment One
	Home Assignment:	Exploration of working model
Week 5 Nov 6	Lecture:	Design: Directional Effects of Lighting <ul style="list-style-type: none"> • Light Distribution • Layers of Light (lighting by categories)
	Lab:	Desk Reviews of Assignment One
	Home Assignment:	Exploration of working model
Week 6 Nov 13	Lecture:	PRESENTATION: Assignment One
	Lab:	Assignment Two Introduction
	Home Assignment:	
Week 7 Nov 20	Lecture:	Luminaries and Applications <ul style="list-style-type: none"> • Fixture Introduction
	Lab:	Assignment Two, Part A due week 7
	Home Assignment:	
Week 8 Nov 26 Wed	Lecture:	FIELD TRIP: Class meets at Lighting Showroom
	Lab:	
	Home Assignment:	
Week 9 Dec 4	Lecture:	Lighting Design Process <ul style="list-style-type: none"> • Finding Fixtures • Design Documentation
	Lab:	Desk Reviews of Assignment Two
	Home Assignment:	
Week 10 Dec 11	Lecture:	Lighting Design Process <ul style="list-style-type: none"> • Calculation Guides
	Lab:	Desk Reviews of Assignment Two
	Home Assignment:	
Week 11 Finals Week Dec 18	Lecture:	PRESENTATION: Assignment Two
	Lab:	
	Home Assignment:	

NOTE: THE ABOVE CLASS OUTLINE IS SUBJECT TO CHANGE AT THE INSTRUCTOR'S DISCRETION.
Estimated Homework Hours: As needed for assignments