INTRODUCES THE THEORY AND PRACTICAL APPLICATION OF STAGE LIGHTING DESIGN WITH AN EMPHASIS ON LIGHTING FOR DANCE.

THE OBJECTIVE OF THE COURSE IS TO DEVELOP A PROFESSIONAL APPROACH TO LIGHTING DESIGN WITH A SPECIAL FOCUS ON LIGHTING FOR DANCE. THE EXPLORATION IS BASED ON THE METHODS OF THE ORIGINATORS OF MODERN LIGHTING DESIGN THEORY (i.e., JEAN ROSENTHAL AND STANLEY MCCANDLESS, ET AL.). THE COURSE FURTHER EXAMINES IN DETAIL THE MOTIVES, METHODS, PROCEDURES AND MECHANICS OF STAGE LIGHTING DESIGN WITH AN EMPHASIS ON NECESSARY PROCEDURE AS ACCEPTED BY WORKING PROFESSIONAL LIGHTING DESIGNERS AND AN APPRECIATION FOR CREATIVITY. THE METHOD OF INSTRUCTION INCLUDES LECTURES, GROUP DISCUSSION AND HANDS-ON PRACTICE. EACH CLASS CONTAINS A MIXTURE OF THESE METHODS. AS MUCH AS SIX HOURS OF ASSIGNED READING AND PROJECTS OUTSIDE OF CLASS TIME MAY BE REQUIRED EACH WEEK.

INSTRUCTOR(S)

<table>
<thead>
<tr>
<th>Name</th>
<th>Section / Format / Term</th>
<th>Contact Email</th>
<th>Contact Phone</th>
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</thead>
<tbody>
<tr>
<td>Mackwood, William J</td>
<td>Sec. A / LECT / F</td>
<td><a href="mailto:mackwood@yorku.ca">mackwood@yorku.ca</a></td>
<td>York Ext. 33445</td>
</tr>
</tbody>
</table>

SPECIAL FEATURES

Course Director
William J Mackwood
Office: 323 ACETelephone: (416) 736-2100 ext: 33445 (no voice mail) Cell Phone: (647) 828-0071 (voice mail)Email: mackwood@yorku.ca

Course consultation hours: Tuesdays: 12:00 – 13:00 and by appointment (or just drop by to chat), ACE323

Prerequisite / Co-requisite: for Dance Students ~ FA/DANC 1271 3.00, or permission of the Dance Department.

Expanded Course Description: The objective of the course is to develop a professional approach to Lighting Design with a focus on Lighting Design for Dance. The exploration will be based on the methods of the originators of modern lighting design theory (i.e. Jean Rosenthal and Stanley McCandleless, et al.). The course will further examine in detail the motives, methods, procedures and mechanics of stage lighting design with an emphasis on necessary procedure as accepted by current working professional lighting designers and an appreciation for creativity. The method of instruction will include lectures, group discussion and hands-on practice. Each class will contain a mixture of these methods. As much as six hours of assigned reading and projects outside of class time may be required each week.

Time and Location
Fridays 12:00-14:00 Lecture / 14:00-15:00 Lab  ACE  244

Course consultation hours: Tuesdays 12:00 – 13:00 or by appointment (or just drop by to chat), ACE323
Course Webpage: https://moodle.yorku.ca/moodle/

TOPICS AND CONCEPTS

Course Text / Readings
- Designing with Light, Author: Gillette, Michael J. (6th Edition)
- Please note: the price of this book on Amazon.ca is crazy. Here are some other options:
  - I have placed a copy on reserve at the library (2 hour access)
  - I have a PDF download option at the following link (please let me know immediately if you have any problems with purchasing from this site):

- Course Pack
- FA/DANC 4270, GS/DANC 5270 Course Kit available at the Book Store

All weekly lecture content, assignments, readings and presentations are listed on the course website.

LIST OF LEARNING OUTCOMES AND EXAMPLES OF

Course Learning Objectives:
This course offers you the opportunity to explore Lighting Design for Live Performance, with an emphasis on the world of dance. In this introductory course, you will concurrently study the technical and theoretical considerations of the profession. There will be a wide range of material covered, with the opportunity to explore chosen areas in depth as part of your individual assignments. One class each week will take the form of lecture and group discussion. It will be devoted to exploring the historical, theoretical, and procedural aspects of professional lighting design. The second class each week will offer students the opportunity to work hands-on with state-of-the-art lighting equipment. In addition, through your term projects, you will have an opportunity to demonstrate your ability to design lighting for a live (dance) performance.

By the end of this course, students will be able to:
- Critically discuss the elements and strategies of design.
- Identify the controllable qualities of light.
- List and define the objectives of lighting design.
- Critically analyze lighting designs for dance.
- Demonstrate a working knowledge of the equipment found in a typical theatre lighting system; the conventional, intelligent and LED luminaires found therein and their associated cables/connectors.
- Demonstrate a basic working knowledge of a lighting control board and programming.
- Calculate electrical loads on dimmers and cables.
- Demonstrate an understanding of photo-metrics as applied to stage lighting instruments
- Demonstrate an ability to focus a luminaire, set levels and write cues for a live performance.
- Create a basic lighting design for dance using appropriate strategies and standard working practices.
- Work collaboratively with a creative team (ie choreographers, artistic director and production team) to implement a lighting design for dance.

GRADED ASSESSMENT

The final grade for the course will be based on the following items weighted as indicated:

Evaluation
- Participation and Attendance (Lectures and Labs) 15%
- Assignments and presentations (2 assignments/presentations worth 15% each) 30%
  1. Defining design:
1. (Undergrad level) Defining Design for Live Performance (written assignment)
2. (Grad level) PechaKucha presentation on major ‘Design Movements’
2. LED Design Project (in groups)

-Mid-Term exam 25%
-Term Project “Dance Innovations” load-in November 9th 30%
   Breakdown: Paperwork w Final Report ~ 10% / Design work ~ 20%
   (includes levels preparation and design integration)

Total 100%

Additional Research Paper or Presentation for Graduate Students 30%
-Topic and Bibliography
-Research Paper or Presentation

NOTE: See course website for assignment due dates. Final course grades may be adjusted to conform to Program or Faculty grades distribution profiles.

Grading, Assignment Submission, Lateness Penalties and Missed Tests
Undergraduate Grading: The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York.

For a full description of York grading system see the York University Undergraduate Calendar at:
http://calendars.registrar.yorku.ca/2015-2016/academic/grades/index.htm

Undergraduate Grading System (FA/DANC 1271), are graded according to the following scale. The numerical grade point values are used to compute averages. The Definition of Grading Descriptions will be used to assess performance.

A+, GP 9, 90-100%, Exceptional. Thorough knowledge of concepts and/or techniques and exceptional skill or great originality in the use of those concepts/techniques in satisfying the requirements of an assignment or course.

A, GP 8, 80-89%, Excellent. Thorough knowledge of concepts and/or techniques together with a high degree of skill and/or some elements of originality in satisfying the requirements of an assignment or course.

B+, GP 7, 75-79, Very Good. Thorough knowledge of concepts and/or techniques together with a fairly high degree of skill in the use of those concepts/techniques in satisfying the requirements of an assignment or course.

B, GP 6 70-74%, Good. Good level of knowledge of concepts and/or techniques together with considerable skill in using them to satisfy the requirements of an assignment or course.

C+, GP 5, 65-69%, Competent. Acceptable level of knowledge of concepts and/or techniques together with considerable skill in using them to satisfy the requirements of an assignment or course.

C GP 4, 60-64%, Fairly Competent. Acceptable level of knowledge of concepts and/or techniques together with some skill in using them to satisfy the requirements of an assignment or course.

D+, GP 3, 55-59%, Passing. Slightly better than minimal knowledge of required concepts and/or techniques together with some ability to use them in satisfying the requirements of an assignment or course.

D, GP 2, 50-54%, Barely Passing. Minimum knowledge of concepts and/or techniques needed to satisfy the requirements of an assignment or course.

E, GP 1, (marginally below 50%), Marginally Failing
Graduate Grading System

Preamble: Graduate students enrolled in GS/DANC 5270 will be expected to engage and perform at a higher level than undergraduate students. In areas of participation, they will be expected to lead discussion groups and research projects, and when appropriate, offer direction and support to undergraduate students. Graduate students often have experience in working with lighting designers during their careers and are encouraged to share that knowledge with others. In addition, as the field of ‘technology in support of live performance’ is changing at an exponential rate, graduate students will be asked to actively participate in on-going discussions regarding course content and structure, ensuring critical relevance to the art and industry. It is expected that Graduate students will perform all assigned tasks with a dedicated commitment to excellence and therefore they will be graded to a higher standard than undergraduate students.

(GS/DANC 5270 3.00) are graded according to the following scale. The numerical grade point values are used to compute averages. The Definition of Grading Descriptions will be used to assess performance.

Graduates Student Grading System*

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>A+ (Exceptional)</td>
<td>90 – 100%</td>
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<tr>
<td>A (Excellent)</td>
<td>85 – 89%</td>
</tr>
<tr>
<td>A- (High)</td>
<td>80 – 84%</td>
</tr>
<tr>
<td>B+ (Highly Satisfactory)</td>
<td>75 – 79%</td>
</tr>
<tr>
<td>B (Satisfactory)</td>
<td>70 – 74%</td>
</tr>
<tr>
<td>C (Conditional)</td>
<td>60 – 69%</td>
</tr>
<tr>
<td>F (Failure)</td>
<td>00 – 59%</td>
</tr>
<tr>
<td>I (Incomplete)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*See grading descriptions above

Assignment Submission: Proper academic performance depends on students doing their work not only well, but on time. Accordingly, assignments for this course must be received on the due date specified for the assignment. Assignments are to be submitted on the due date at the beginning of class unless stated otherwise (some assignments and quizzes will be submitted on-line). Late assignments must be turned in to the Dance Department office and DATE STAMPED.

Lateness Penalty: Assignments received later than the due date will be penalized one half-grade point for each day the assignment is late. Exceptions to the lateness penalty for valid reasons such as illness, compassionate grounds, etc., may be entertained by the Course Instructor but might require supporting documentation (e.g., a doctor’s letter).

Missed Tests: Students with a documented reason for missing a course test, such as illness, compassionate grounds, etc., which is confirmed by supporting documentation (e.g., doctor’s letter) may request accommodation from the Course Instructor. A later time to write a make-up test will be booked under the discretion of the Course Director. Further extensions or accommodation will require students to submit a formal petition to the Faculty.

Expectations relating to your Final Assignment: Each of you will be offered the opportunity to design a piece, or pieces, for ‘Dance Innovations’. You will be expected to fulfill the responsibilities of a Lighting Designer, including: attending rehearsals, design runs, meetings with choreographers, cueing sessions, technical rehearsals, thru to the opening.

You will also be responsible for all paper work, including: your design strategy derived from attending rehearsals and meetings with the choreographer, research, your lighting design, cue-synopsis, etc.
NB: From November 9th to November 20th, we will be in tech. While you do not have to attend the full levels sessions, you will be expected to attend levels sessions for your piece/s, the tech-rehearsal, dress rehearsals, and the opening.

You will have the joy and responsibility of collaborating with other artists on a piece to be presented to the public, and upon which other students (choreographers), are being graded. As you can imagine, your full commitment is essential. If you cannot make that commitment, this course may not be for you.

Notes:
- The Course Website contains details of the weekly schedule, readings, presentations, rehearsal schedule and study materials.
- Student should be prepared to work on lighting design and programming outside of class-time. There are projects that will involve working collaboratively with other students or artists.
- There may be special presentations, events, performances, meetings and/or workshops during class time as part of your course schedule (TBA).
- To take full advantage of the expertise in our department you may have other guest faculty, graduate students or guest teachers in this course (TBA).

ADDITIONAL INFORMATION

Important University Sessional Dates (classes start/end dates, reading/co-curricular week, add/drop deadlines, holidays, etc.): http://registrar.yorku.ca/enrol/dates/

York University Grading System:

Grading, Assignment Submission, Lateness Penalties, and Missed Tests:
The grading scheme for courses conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.). Assignments and tests will bear either a letter grade designation or a corresponding number grade (e.g. A+ = 90 to 100, A = 80 to 90, B+ = 75 to 79, etc.) An average piece of work in university is about a C+ or B. Grades go up or down from there depending on the attention and effort applied as well as evidence of tangible change.

The Senate Grading Scheme and Feedback Policy stipulates that (a) the grading scheme (i.e. kinds and weights of assignments, essays, exams, etc.) be announced, and be available in writing, within the first two weeks of class, and that, (b) under normal circumstances, graded feedback worth at least 15% of the final grade for Fall, Winter, or Summer Term, and 30% for full year courses offered in the Fall/Winter Term be received by students in all courses prior to the final withdrawal date from a course without receiving a grade.

Assignment Submission/Lateness Penalty:
Proper academic performance depends on students doing their work not only well, but on time. Assignments must be received on the due date specified and are to be handed in at the beginning of class. No electronic submissions will be accepted. Assignments received later than the specified due date will be penalized one-half letter grade per day. There are exceptions to this lateness penalty for valid reasons such as illness, compassionate grounds, etc. but require supporting documentation (e.g. a doctor’s letter).

N.B. Final course grades may be adjusted to conform to Program or School grades distribution profiles. Once final grades have been posted, the full breakdown will be available and can be discussed in an appointment with the Course Director or Chair of the department.

"20% Rule": No examinations or tests collectively worth more than 20% of the final grade in a course will be given during the final 14 calendar days of classes in a term. The exceptions to the rule are classes which regularly meet Friday evenings or on Saturday and/or Sunday at any time, and courses offered in the compressed summer terms.
Last date to drop a full year (Y) course without receiving a grade: **February 3, 2020**
Last date to drop a Fall term (F) course without receiving a grade: **November 8, 2019**
Last date to drop a Winter term (W) course without receiving a grade: **March 13, 2020**

Course Withdrawal Period: (withdraw from a course and receive a grade of “W” on transcript)
Last date for full year (Y) course: **February 4 to April 5, 2020**
Last date for Fall term (F) course: **November 9 to December 3, 2019**
Last date for Winter term (W) course: **March 14 to April 5, 2020**

Please note that financial deadline dates differ from add/drop deadlines.

**Department of Dance Studio Dress Requirements:**
In order to give students the best possible guidance in Contemporary Ballet and Modern studio dance classes, teachers must be able to see the entire body. Postural alignment and joint and muscle use cannot be corrected in these classes if loose or bulky clothing hide the body. World Dance and other dance forms we teach may require specific footwear, props, and/or other clothing options. Please make sure to check your outlines for each of your studio dance classes for the specific dress requirements and the details each teacher will require.

The general requirements are:
- Form fitting clothing that covers torso and legs should be worn. Bring close-fitting warmer clothing and socks for cold days. (No loose-fitting or ragged clothing unless specified).
- Hair must be worn off the neck and face for Ballet, and back and off the face for Modern.
- Tight buns are not recommended for Contemporary/Modern as they may impede floorwork.
- Students can wear leotard and tights (any solid colour), and ballet slippers for Ballet and bare feet for Modern.
- Please be considerate of your fellow dancers; avoid long fingernails and jewellery (including piercings, watches, earrings, necklaces, bracelets, and large rings). Ensure hair-wear is secure.

**Department of Dance Studio Use Regulations:**
- There is absolutely no food or drink (other than water) permitted in the studios.
- **Leave street shoes and boots in the cubbies** outside the studio or preferably, in your locker. If you must bring street shoes and boots in to the studio, please place them inside a bag. Grit and dirt brought into the space pose a safety hazard for dancers (particularly for those working barefoot) in addition to damaging the floor surfaces. **NO BARE FEET** in the Dance Department hallways, stairs, elevators, or bathrooms. Bring indoor flip-flops or slippers to go from studio to studio.
- Do not prop the studio doors open by using the deadbolt, the mirror curtain, or anything that blocks the studio entrance.
- Please return studio furniture to its rightful place according to the floor plan posted by the door in each space.

**Department of Dance Video Guidelines:**
The Department of Dance has developed these guidelines in order to raise awareness of expected behaviour regarding recording/videotaping curricular work, and to foster a culture of respect for intellectual and creative property, as well as for individual privacy.

While the Department recognizes the democratizing effect of the internet, **the Department requests that students do not post curricular work publicly to the internet, unless by express permission of the Chair of the Department, and waivers signed by all concerned.** Work is to be shared only via private file-sharing access. This applies to documentation made by the Department and/or by individual students for their own archives.

**Department of Dance Guidelines For Scented Products:**
York University endeavours to provide an indoor environment that supports the University community at work and study. Some people experience **severe health problems** from exposure to chemicals contained in scented products including aftershave lotions, hair spray, deodorants and fragrances. In consideration of those who are affected by such chemicals, **use unscented products only**.

**Department of Dance Guidelines For Physical Demands of the Program:**
Courses in the Department of Dance may include elements that are physically demanding. Prior injuries can be aggravated by strenuous exercise so check with your physician and inform the Course Director before beginning the course. Be sure to share with the Course Director any changes in your injury or health that may affect your participation.

Courses in the Department of Dance may also include the possibility/likelihood of human contact (i.e., correction of alignment or technical execution as well as the possibility of collision with colleagues). Students uncomfortable with the use of touch are requested to relay feelings to the Course Director as soon as possible.

**Department of Dance Guidelines For Safety and Wellbeing:**
Should an accident occur in studio, there is a very clear protocol for reporting. This information is posted in every studio. Faculty members and staff are well versed in the protocol. For the various minor issues that come up in your day-to-day life as a dancer, it is recommended that you carry a well-stocked personal first aid kit in your dance bag. Programs Assistant Flannery Muise and faculty member Claire Wootten are the department’s certified first-aid reps.

**Department of Dance Attendance and Participation Policy:**
Students are expected to participate in every dance class, both studio and lecture courses. Under exceptional circumstances they may miss, without penalty, half the number of classes per term as the class meets in the week. (i.e., If your class meets two times a week, you may miss ONE class over the entire course without penalty.)

**For all classes:**
- In the event of an absence or limited participation, all missed material is to be learned prior to returning to class.
- In the event of an injury or illness preventing full participation for more than 1 class in a term, it is the student’s immediate responsibility, in consultation with the Course Director, to devise a plan for make-up work. The sooner this is done, the less stress you will experience from the uncertainty of the situation. If you are injured or ill, obtain and submit a hard copy doctor’s note. The doctor’s note will allow you to arrange for appropriate make-up work. **Grade penalties can still apply**, but the documentation assists in gauging the amount of penalty and make-up work needed.
- As detailed in the Injury Guidelines in the Department of Dance, students must complete a minimum of 60% of the studio work to receive course credit.
- Finally, in consideration of all participants, if you are ill, stay home and/or see your healthcare provider. You will recover faster and, should your illness be contagious, you will have shown others consideration by limiting their exposure. **Do NOT come to class if you are ill!**

**Department of Dance Technical Evaluation Policy:**
It is the Department’s responsibility to ensure that every dance major experiences optimal training and educational conditions. This is especially important in physical practice where safety is a pedagogical imperative. To that end, all students enrolled in dance technique courses (i.e. Contemporary Modern and/or Contemporary Ballet) participate in technical level evaluation at the beginning of the Fall term. Dance faculty conduct evaluations in a traditional group class setting. Students who have successfully completed the pre-requisite courses, have maintained an appropriate level of fitness, and have continued with technical training over the spring and summer months normally proceed to the next level.
It must be noted that a satisfactory grade in the pre-requisite course does not guarantee placement in the next level of technique. Some students may be required to remain at the previous level to safely develop additional technical skill. Extended illness, injury, or insufficient technical skill are some of the factors that lead to such a decision.

The study of dance as a physical and artistic practice requires a commitment to year-round technical training, body conditioning, and cross training. Students are, therefore, expected to independently seek out and maintain an appropriate training regimen all 12 months of the year.

York University Academic Senate Policies and Information:
All students are expected to familiarize themselves with the Policies and Regulations information, which can be found on the 2019/20 Academic Calendars page:
http://calendars.students.yorku.ca/2019-2020/programs/dance

We recommend carefully reviewing all three sections; About, Degree Requirements, and Faculty Rules. Important information is explained here including the Policy on Academic Honesty, Academic Responsibility and Student Responsibility, and Academic Standing. Further details are available on the Secretariat Policies website, http://secretariat-policies.info.yorku.ca/, which covers the following topics:

- Academic Accommodation for Students with Disabilities:

- Religious Accommodation:
  http://calendars.students.yorku.ca/2019-2020/policies-and-regulations/academic-policies-and-regulations/religious-accommodation

- Code of Student Rights and Responsibilities:

- Academic Honesty:
  http://calendars.students.yorku.ca/2019-2020/policies-and-regulations/student-conduct/academic-honesty

- Academic Integrity Tutorial:
  https://www.yorku.ca/tutorial/academic_integrity/

- Ethics Review Process:
  http://secretariat-policies.info.yorku.ca/policies/ethics-review-process-for-research-involving-human-participants-policy/

- Alternate Exams/Tests:
  http://altexams.students.yorku.ca/

- University Secretariat:
  http://secretariat.info.yorku.ca/senate/

Many courses utilize Moodle, York University’s course website system. If your course is using Moodle, click here to access it.

Moodle @ York University