Michigan Technological University
HU 2632: Fundamentals of Digital Photography
Summer 2015, Track A (CRN # 51771)

Instructor Information:
Instructor: Thomas Adolphs
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Course Identification:
Course Number: HU 2632
Course Name: Fundamentals of Digital Photography
Course Location: Walker, Room 120A
Class Times: Monday, Tuesday, Wednesday, and Thursday Class: 12:35 – 1:25
Lab: 1:30 – 1:55

Syllabus

Required Readings
Required readings for this class will be posted as PDF files on Canvas. These readings will be assigned in class, although they can also be seen listed in the 'Tentative Schedule' of this syllabus.

Recommended Reading:
* (Referred to as CDP in the Tentative Schedule of this syllabus)


Course Description:
In this class students will primarily explore the practice of taking and editing photographs. We will begin by learning the basics of taking photographs, and then editing those images in Photoshop CS5. As the seven weeks move forward we will progress into more complex photographing and editing techniques. Also, during the next seven weeks we will be investigating the historical and theoretical critiques that accompany this art form. During this time, I highly encourage students to provide their own digital camera, preferably a digital SLR.

This undergraduate level digital photography course is designed to help students explore the world of digital photography within the context of their lives. But what exactly does that mean?
As previously stated, much of this class will be geared towards learning the practice of taking and editing photos. However, I believe that it is also important to gain a better understanding of what a ‘photograph’ is, and how photography has impacted our lives and the world we live in. In doing so, we will have discussions regarding the on-going conversations within photography’s history, aesthetics, and theory. This means that each week, readings that cover the technical, theoretical, and historic foundations of photography will be assigned.

As can be noticed in the ‘Tentative Schedule’ section of this syllabus, each of the four days that we meet during the week will be structured in a similar style throughout the course of this class. However, in the ‘Tentative Schedule’, note that the first two weeks do not follow this pattern. This is due to cancellations during the introductory week on the 3rd and 4th of July.

**Mondays** will primarily be reserved for discussing the reading(s) that were assigned over the weekend. This means that members of this course are strongly encouraged to voice their own personal opinions in response to the assigned reading. In order to have a productive and engaging discussion you **must** do the reading, and then come prepared to address not only me, but also your peers. During this time I will act as a facilitator of group discussion, which means that I want open discussion amongst all of you. Lastly, Mondays will also be a time to discuss various photographic techniques, some basic, some more advanced, as we prepare for our Tuesday field trips.

**Tuesdays** will primarily (dependent on the weather and transportation) be used as a field trip day. During this time you **must** bring your camera, and you also need to be safe while driving and exploring the site we visit. *I don't want anyone to get hurt during these times, so please be careful!*

We will begin these days by briefly recapping the photographic technique or style that you are to be exploring during the given week. You will then have the rest of the hour to wander around the site and capture images. I highly recommend that you seek my help if you’re at all confused or frustrated with the technique or style; it’s what I’m there for. Again, remember to be safe, have fun, and be creative!

**Wednesdays** will primarily be reserved for spending time in the lab. During this time the class will be doing one of two things. We will either be exploring new concepts of image production and manipulation using Adobe Bridge and Photoshop, or you will be given time to edit the images that you captured on Tuesday’s field trip. My hope is to allow time for both of these activities.

*Note: This would also be a great time for you to print and mount your images.*

**Thursdays** will primarily be reserved for group presentations, and classroom critique of your finished image(s), which will then be turned in at the end of Thursday’s class.

*Group presentations will be assigned during the first week of class,*
allowing all of you ample time to prepare for this assignment. Groups consisting of two to three students will explore an influential photographer, and then give a presentation on their findings. The goal of this is to help students examine the influence that certain photographers have had on a number of social issues: war, fashion, politics, nature, race, class, gender, just to name a few. I also hope that through these presentations you will notice a number of different photographic styles that may ultimately help influence your final project for this class.

Classroom critiques will consist of you displaying your image, which is to be printed off and mounted before the start of class. I expect each student to briefly discuss the image they are displaying, and we will then discuss the strengths and weaknesses of the image as a class. Remember to address any weaknesses in a positive and helpful manner. Don’t bash your peer’s work.

Final Project:
Throughout this class, each student will be developing, and adding to their final project. This final project will consist of a photographic series of four to six images. As we will discuss in class, all of your images must have a unified theme and intent. I will meet with each of you individually, and as a class, to discuss and display the evolution of this project as we move throughout the next seven weeks.

This final project should be understood as the exam for this class. We will spend the final days of week seven displaying and critiquing your project.

Course Supplies:
- DSLR camera (digital single lens reflex capable of RAW capture with adjustable shutter speed and aperture)
- media card(s)
- DVDs, CDs or other media storage device to archive RAW and jpeg files
- digital media printing paper (Epson Premium Glossy highly recommended)
- 11 x 14 archival mats
- tape for matting
- portfolio for photographs

Attendance Policy:
Coming to this course is essential to you learning the material. Please plan on bringing required materials (your camera) to class with you and be ready to actively listen and participate by offering thoughts and ideas during our class reading discussions.

You are allowed up to three unexcused absences for the semester before it affects your grade. Anything after this will lower your overall grade. This is something I’ll be strict on so please show up to class and participate.

Assignments:
Assignments will be collected when they are due. Late work will not be accepted unless you have a university excused absence or a doctor’s note. If you know
you will be absent, please arrange a time to turn in the assignment before your missed day. It is not difficult to get a hold of me. Just inform me of any issues and we won’t have any problems.

**Respectfulness:**
Everyone has the right to his or her own unique perspective and opinions; that having been said, I expect us all to realize that some thoughts are not appropriate for an academic setting. The inability to respect others in the class will not be tolerated, and could potentially affect your grade.

**Grading Scale:**

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<thead>
<tr>
<th>Grade</th>
<th>Percentage Range</th>
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<tbody>
<tr>
<td>A</td>
<td>92-100%</td>
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<tr>
<td>A/B</td>
<td>87-91.9%</td>
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<tr>
<td>B</td>
<td>82-86.9%</td>
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<tr>
<td>B/C</td>
<td>77-81.9%</td>
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<tr>
<td>C</td>
<td>72-76.9%</td>
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<td>C/D</td>
<td>67-71.9%</td>
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<td>D</td>
<td>62-66.9%</td>
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**Academic Integrity**
MTU's Academic Integrity Policy defines plagiarism as “knowingly copying another’s work and calling it one’s own or not giving proper credit or citation.” The penalties for plagiarism or other forms of cheating range from receiving a failing grade on work in question to **expulsion from the university.**

**MTU’s Policy on Discrimination and Harassment**
MTU complies with all federal and state laws regarding discrimination, including the Americans with Disabilities Act of 1990 (ADA). If you have a disability and need a reasonable accommodation for equal access to education or services at MTU, please call Dr. Gloria Melton, Associate Dean of Students (487-2212). For other concerns about discrimination, you may contact your advisor, department chair, or the Affirmative Action Office (487-3310).

*This course description and all schedules are tentative and may be changed.*
Tentative Schedule

*Note: Always bring your camera to class, especially on our field trip days.

**Week 1**

*Monday, 11 May*  
Discuss Syllabus and goals of this class  
Question sheet (your expectations)  
Hand out and discuss Final Project  
* For Tues. May 12th, read Chapters 4 - 5, pp. 138-190 in CDP

*Tuesday, 12 May*  
Discuss basics of the camera (shutter speed/aperture/ISO)  
* Hand out first photo assignment, due on Mon. May 18th  
* 1st reading response due on Wed. May. 13th: read “Judging Photographs: is it good?” pp. 127-152, PDF on Canvas

*Wednesday, 13 May*  
Discuss reading and collect responses  
Recap and practice in classroom  
Take images at “Prince's Point.”

*Thursday, 14 May*  
Lab Day:  
Discuss the basics of *Adobe Bridge* and *Photoshop*  
* Remember! First photo assignment due Mon. May. 18th  
* Also, 2nd reading response due on Thurs. May. 21st: read “The Origins of Photography” by Mary Warien, PDF on Canvas

**Week 2**

*Monday, 18 May*  
Critique and collection of first photo assignment  
Discuss ISO and its relation to St. Ignatius trip  
* Hand out second photo assignment, due on Thurs. July 17th

*Tuesday, 19 May*  
Field Trip:  
St. Ignatius in Houghton  
ISO/Noise as an artistic effect

*Wednesday, 20 May*  
Lab day:  
Photo healing techniques  
If time remains, work on your images

*Thursday, 21 May*  
*Influential Photographer* and *Photographic Style* Presentations.  
Critique and collection of second photo assignment  
Discuss reading and collect responses  
* 3rd reading response due on Tues. May 26th: read “The Work of Art in the Age of Technological Reproduction,” by Walter Benjamin, PDF on Canvas  
* Also, for Tues. May 26th, read Chapters 2 – 3, pp. 62-134 in CDP
**Week 3**

*Monday, 25 May*  
**Class Cancelled** – Memorial Day

*Tuesday, 26 May*  
Discuss reading and collect responses  
Discuss light(ing) and Dynamic Range  
* Hand out third photo assignment, due on Mon. June 1st

*Wednesday, 27 May*  
Field trip:  
Quincy Mine  
Outdoor lighting

*Thursday, 28 May*  
Lab day:  
*Influential Photographer* and *Photographic Style* Presentations.  
Layers and layer masks (An excellent technique for controlling post-production lighting in Photoshop)

**Week 4**

*Monday, 1 June*  
Critique and collection of third photo assignment  
Discuss color vs. B&W/lens/portraits – Also go over Photo Manipulation  
* Hand out fourth photo assignment, due on Thursday, June 4th

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**Important Due Dates:**  
- 500-word explanation of your final project due on Thurs. June 4th  
- Two images from final project due Thurs. June 18th

*Tuesday, 2 June*  
Field trip:  
(? Discuss options as a class)

*Wednesday, 3 June*  
Lab day: Photo-manipulation (Cutting out images, blending, Liquefy tool)

*Thursday, 4 June*  
*Influential Photographer* and *Photographic Style* Presentations.  
Critique and collection of fourth photo assignment  
Collection of 500-word explanation of your final project  
* 4th reading response due on Mon. June 8th: read “Looking at War” by Susan Sontag, PDF on Canvas

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**Week 5**
Monday, 8 June  
Discuss reading and collect responses

Tuesday, 9 June  
Field trip:  
Meet 10:00pm at Veterans Park – Night Photography

Wednesday, 10 June  
Lab day:  
Advanced Photoshop Possibilities

Thursday, 11 June  
Influential Photographer and Photographic Style Presentations.  
Critique and collection of fourth photo assignment  
* 5th reading response due on Mon. June 15th: watch, and respond, to  
the following Youtube clips:  
http://www.youtube.com/watch?v=l6MyCErU2Y0  
http://www.ted.com/talks/jonathan_klein_photos_that_changed_the_world

Week 6

Monday, 15 June  
Discuss clip and collect responses  
Discuss the possibilities of Photoshop and photo-manipulation  
Demonstration on HDR photography  
* Two images from final project due this Thursday the 18th

Tuesday, 16 June  
Field trip:  
Campus Field Trip  
Capture images that will be used during tomorrow’s class

Wed, 17 June  
Lab time:  
More Photo-manipulation Techniques

Thursday, 18 June  
Critique of two images from final project  
Influential Photographer and Photographic Style Presentations.  
* For Mon. June 22nd, read “Toward A Hyperphotography,” and “A  
Quantum Leap,” PDF’s on Canvas, no response due!

Week 7

Monday, 22 June  
Discuss reading  
Discuss what a photo is. Have your thoughts changed? What are the  
limits, and where is photography headed?  
Influential Photographer and Photographic Style Presentations.  
Lab Time if Possible

Tuesday, 23 June  
Field trip:  
Meet in classroom – We will be turning a room into a camera obscura

Wed, 24 June  
* Critique of Final projects

Thursday, 25 June  
* Critique of Final projects