
Jay Grabiec

1021 Klehm
jjgrabiec@eiu.edu
<https://www.jaygrabiec.com>
(708) 574-5623

Advanced Digital Photography

DGT 4123 | Klehm Hall 1125 | Wednesdays 8-9:40 a.m.

OVERVIEW

A study of digital photography and professional techniques needed to produce high quality images for promotional, advertising and marketing themes and business applications.

Learning Objectives

After participating in class lectures, demonstrations, discussion, and personal reflection, the learner will be able to:

- Discuss and explain the fundamentals of DSLR camera operation.
- Operate a DSLR camera using full manual mode to control the image capture while maintaining good camera control and utilizing thoughtful composition.
- Evaluate and modify images for accurate color balance, hue, saturation and contrast.
- Discuss and apply advanced image capture techniques for the production of panoramic, HDR images, time-lapse or other modern capture techniques.
- Effectively analyze, critique and debate personal and external images for improvement or correction.
- Post work for the purpose of critique, collaboration, and feedback in a collaborative web environment to be judged by peers and the greater community.

Schedule

Wednesdays: 8:00 – 9:40 am

Class time will be divided between “lecture” and “lab” time. Lecture will include demonstration, critique and discussion. During the lab, students will work on assignments with the instructor available to assist. All class meetings will be a combination of both types of delivery. Students are responsible for all materials covered in each class.

Expectations

Due to the nature of the class being a hybrid, students are expected to accomplish a great deal of their work independently while following the instructions outlined in the D2L assignments.

<https://www.eiu.edu/d2l/>

Communication

The instructor will communicate through regular emails (**EIU email address**) to outline assignments and expectations. It is important to follow instructions and meet the posted deadlines. If you need something or are having issues email the instructor! (jjgrabiec@eiu.edu). The instructor will not check for D2L emails.

Office hours (Klehm 1021) are Tuesday and Wednesday from 9:45am-11:15am and 1:15pm-1:45pm or by appointment.

Grading Criteria

Students will be evaluated using the below categories as assigned for each course objective.

Individual photo projects (IPP) 30%

Misc Assignments (MA) 10%

Midterm (MT) 15%

Final/Portfolio Review (FNL) 25%

Participation (PA) 10%

Late Assignments, Quizzes, Projects, and Exams

- Make up of any assignments, projects, quizzes, discussions, or exams must be arranged with the instructor BEFORE the due date. You must inform the instructor before the class you will be missing (**Include your name and the class for ALL e-mails**). The instructor cannot be reached through Desire2Learn. Students missing assignments, projects, quizzes, discussions, or exams without contacting the instructor will receive 0 points for the given task.
- Late assignments, projects, quizzes, discussions, or exams will not be accepted and 0 points will be assigned for the given task. Exceptions will be made if the student has a documented medical absence and/or an approved official University activity with accompanying paperwork.

The instructor reserves the right to change any assignment, lab, discussion, quiz or exam dates due to equipment/technology issues, lack of consumables, or unforeseeable issues related to an assignment or quiz.

- A 100 – 92
- B 91 – 83
- C 82 – 74
- D 73 – 65
- F 64 and below

Camera Checkout

Requests will be responded to in the order they are received. Once your checkout is approved you will receive an email verifying the equipment you have requested.



- Requests MUST be made by 12pm or will not be fulfilled until the following day.
- Pickups will be ready by 1pm. Checkout lengths are limited to 22 hours. (with the exception of Tuesdays in which case, cameras will only be available on Tuesdays during the class session) Your equipment must be returned by 12pm the following day. Failure to return equipment on time will result in consequences.
- Equipment is located in lockers across from Klehm Hall 1125. Padlocks on the lockers may be accessed through the Master Lock Vault app that can be installed on your smartphone. Klehm Hall is open from 7 am - 9 pm Monday through Friday except for holidays and break days.
- If this is your first request you will receive an email to your EIU account from Master Lock Vault with a temporary password that you will need to gain access to the system and verify your account. Once you have verified your account you can use the Master Lock Vault app to unlock your designated locker. Your smartphone will need to have Bluetooth enabled.
- During our first class session, we will work on getting these accounts set up.

Additional Resources

Software

- As an EIU student you also have access to the full Adobe suite of software in the Booth Library computer lab, KLehm 3135 and remotely through view.eiu.edu.

Hardware

- You can also check out cameras through the Center for Student Innovation lab which is also in Booth Library.

Schedule (*subject to change)

Week	Lecture	Lab
Week 1: Jan 10	Intros, syllabus, camera overview	100 photos
Week 2 : Jan 17	Manual camera control	Accessioning and RAW
Week 3: Jan 24	RAW processing	Composition
Week 4: Jan 31	Depth of Field/Aperture	Depth of Field
Week 5 : Feb 7	Motion Capture	Blur/Pan/Freeze (Sports day)
Week 6: Feb 14	Speedlight	Portable lighting exercise
Week 7: Feb 21	Studio flash refresher	Studio demo/exercise
Week 8: Feb 28	Mid-term - Open Studio	Mid-term - Open Studio
Week 9: March 6	Flash Techniques	Light Painting
Week 10: Mar 13	Advanced Editing	Ad Campaign
Week 11: March 20	SPRING BREAK	SPRING BREAK
Week 12: March 27	Light Study	Natural vs Artificial light sources
Week 13: April 3	Advanced capture Techniques	Time-Lapse
Week 14: April 10	Advanced editing techniques	Leveraging AI
Week 15: April 17	Portfolio Work/Time Lapse	Final project work/Time Lapse
Week 16: April 24	Portfolio Work	Final Exam Prep

Week 17: May 1	Final Exam - NO CLASS (D2L)	Final Exam - NO CLASS (D2L)
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Open lab hours (also posted on lab door):

- Tuesday 5:45pm-7pm
- Thursday 1:40pm - 3:45pm
- Friday 11am-7pm

Class Meetings

- It is absolutely necessary that students attend all class meetings and make good use of lab time during scheduled class time. The lab has open hours for students to work with the equipment on their own time. Hours are posted on the door.
- This course is project oriented, class time is valuable because that is when demonstrations, assignments, and non-text based lectures are delivered.
- Personal crises will happen occasionally. In the event of a personal crisis, every effort should be made to contact the instructor before the absence. Failure to do so will result in zero credit for the days missed. It is important for you to communicate.

Extra Credit (max of 100 extra credit points total may be earned)

Each student may either:

Complete at least a 700 word review of an article from a trade journal in the Graphics Technology. ONLY USE ASSIGNED ARTICLES OR JOURNALS. The article review must summarize the content of the article in less than 250 words. The article review must analyze the importance of the development of the given technology and its contribution to the field of graphics technology. The original article must be attached to the submitted paper. 10 pts. per article review and article.

OR

Have a photograph that you took during the course of this semester be published in a reputable publication. 10 pts per photograph.

OR

Attend and participate in the EIU Photo Club. Meetings are approximately every two weeks. More details available in 'Class resources' of D2L 10 pts per meeting.

Academic integrity- Students are expected to maintain principles of academic integrity and conduct as defined in EIU's Code of Conduct (<http://www.eiu.edu/judicial/studentconductcode.php>). Violations will be reported to the Office of Student Standards.

Students with disabilities- If you are a student with a documented disability in need of accommodations to fully participate in this class, please contact the Office of Student Disability Services (OSDS). All accommodations must be approved through OSDS. Please stop by Ninth Street Hall, Room 2006, or call 217-581-6583 to make an appointment.

The Student Success Center- Students who are having difficulty achieving their academic goals are encouraged to contact the Student Success Center (www.eiu.edu/~success) for assistance with time management, test taking, note taking, avoiding procrastination, setting goals, and other skills to support academic achievement. The Student Success Center provides individualized consultations. To make an appointment, call 217-581-6696, or go to 9th Street Hall, Room 1302.