

FILM 358/458 Advanced Camera Technologies

1/1/23

Winter 2023 | Wednesday 6:00pm-9:15pm | Cinespace Room 102 / Stage 23

Mode: Lecture

Instructor: Cynthia Harrig (she/her)

Phone: 773-501-6204 (prefer text)

Email: charrig@depaul.edu

Office: Please contact instructor to schedule in-person meeting time and location

Office hours: Tuesday 4:30pm - 6:00 pm (before class at Cinespace) or by appointment.

Course Description: This course is an advanced camera workshop covering the specific jobs of 1st and 2nd Assistants, DIT and data manager in a narrative film environment. Students will learn how to build, maintain and utilize advanced camera equipment, follow set protocols, apply industry standard processes to safely record, download, protect and transcode media for editorial workflows.

Prerequisite: FILM 250

Learning Outcomes:

- The ability to troubleshoot the problems that occur when using multiple complex filmmaking technologies.
- Demonstrate the skills necessary to competently operate digital cameras equipment.
- Display the on-set skills and set protocols utilized by camera crew.
- Analyze, evaluate and choose appropriate camera equipment packages.

Academic Calendar:

<https://academics.depaul.edu/calendar/Pages/default.aspx>

Monday January 2, 2023	Begin Winter Quarter 2023 Classes
Sunday January 8, 2023	11:59 PM Deadline to add classes to WQ2023 schedule
Sunday January 15, 2023	Last day to apply for Winter degree conferral
Sunday January 15, 2023	Last day to drop WQ2023 classes with no penalty (100% refund of tuition if applicable and no grade on transcript)
Monday January 16, 2023	Grades of "W" assigned for WQ2023 classes dropped on or after this day
Monday January 16, 2023	Martin Luther King Day - University officially closed
Tuesday January 17, 2023	Last day to select pass/fail options for WQ2023 classes
Monday January 23, 2023	Last day to select auditor status for WQ2023 classes
Monday January 30, 2023	Begin WQ2023 optional mid-term exam week
Sunday February 5, 2023	End WQ2023 optional mid-term exam week
Sunday February 19, 2023	Last day to withdraw from WQ2023 classes
Sunday March 12, 2023	End WQ2023 Day & Evening Classes
Monday March 13, 2023	Begin WQ2023 Day & Evening Final Exams
Sunday March 19, 2023	End Winter Quarter 2023
Sunday March 19, 2023	End WQ2023 Day & Evening Final Exams
Monday March 20, 2023	Begin Spring Break
Friday March 24, 2023	"R" grades issued Winter 2022 lapse to "F"
Friday March 24, 2023	End Spring Break
Friday March 24, 2023	Grades Due: Winter Quarter 2023

Textbooks and printed resources:

Handouts and videos: As assigned on D2L

Web Resources:

<https://nofilmschool.com>

<https://www.theblackandblue.com/>

<https://www.fdtimes.com/>

<https://www.focuspulleratwork.com/podcast-1>

<https://teamdeakins.libsyn.com/>

Web Resources for Cinematographers <https://sites.google.com/view/webresource/home?authuser=0>

Software needed to complete assignments:

Editing platform-Final Cut Pro, Premiere Pro, or Avid

Quicktime

Word processing program

Grading:

Class Participation & In Class Activities 45%

Quizzes and Homework 35%

Midterm Exam 10%

Final Exam 10%

Final Exam 10%

Letter Grade	= Points		Letter Grade	= Points		Letter Grade	= Points
A	93-100		C+	77-79		D-	60-62
A-	90-92		C	73-76		F	0-59
B+	87-89		C-	70-72			
B	83-86		D+	68-69			
B-	80-82		D-	63-67			

Changes to Syllabus

This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be thoroughly addressed during class and posted under Announcements in D2L.

COVID-19 Health and Safety Precautions

The health and safety of everyone at DePaul depend on the cooperation of all who come to campus. By taking care of yourself, you protect the entire community. DePaul's COVID-19 response plans are based on the latest guidance from the Centers for Disease Control and Prevention, the Chicago Department of Public Health and the university's medical advisor from AMITA Health.

Mandatory protocols must be followed by DePaul students, faculty and staff at all times on both campuses

<https://resources.depaul.edu/coronavirus/guidance/health-safety- practices/Pages/default.aspx>.

Respect for Diversity and Inclusion at DePaul University as aligned with our Vincentian Values

At DePaul, our mission calls us to explore "what must be done" in order to respect the inherent dignity and identity of each human person. We value diversity because it is part of our history, our traditions and our future. We see diversity as an asset and a strength that adds to the richness of classroom learning. In my course, I strive to include diverse authors, perspectives and teaching pedagogies. I also encourage open dialogue and spaces for students to express their unique identities and perspectives. I am open to having difficult conversations and I will strive to create an inclusive classroom that values all perspectives. If at any time, the classroom experience does not live up to this expectation, please feel free to contact me via email or during office hours.

Online Course Evaluations

Evaluations are a way for students to provide valuable feedback regarding their instructor and the course. Detailed feedback will enable the instructor to continuously tailor teaching methods and course content to meet the learning goals of the course and the academic needs of the students. They are a requirement of the course and are key to continue to provide you with the highest quality of teaching. The evaluations are anonymous; the instructor and administration do not track who entered what responses. A program is used to check if the student completed the evaluations, but the evaluation is completely separate from the student's identity. Since 100% participation is our goal, students are sent periodic reminders over three weeks. Students do not receive reminders once they complete the evaluation. Please see <https://resources.depaul.edu/teaching-commons/teaching/Pages/online-teaching-evaluations.aspx> for additional information.

Academic Integrity and Plagiarism

This course will be subject to the university's academic integrity policy. All students are expected to abide by the University's Academic Integrity Policy which prohibits cheating and other misconduct in student coursework. Publicly sharing or posting online any prior or current materials from this course (including exam questions or answers), is considered to be providing unauthorized assistance prohibited by the policy. Both students who share/post and students who access or use such materials are considered to be cheating under the Policy and will be subject to sanctions for violations of Academic Integrity.

More information can be found at <https://resources.depaul.edu/teaching-commons/teaching/academic-integrity/Pages/default.aspx>.

Posting work on online sites, such as Hero

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Academic Policies

All students are required to manage their class schedules each term in accordance with the deadlines for enrolling and withdrawing as indicated in the [University Academic Calendar](#). Information on enrollment, withdrawal, grading and incompletes can be found at: <http://www.cdm.depaul.edu/Current%20Students/Pages/PoliciesandProcedures.aspx>

Incomplete Grades

An incomplete grade is a special, temporary grade that may be assigned by an instructor when unforeseeable circumstances prevent a student from completing course requirements by the end of the term and when otherwise the student had a record of satisfactory progress in the course. All incomplete requests must be approved by the instructor of the course and a CDM Associate Dean. Only exceptions cases will receive such approval. Information about the Incomplete Grades policy can be found at

<http://www.cdm.depaul.edu/Current%20Students/Pages/Grading-Policies.aspx>

Preferred Name & Gender Pronouns

Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender, gender variance, and nationalities. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the quarter so that I may make appropriate changes to my records. Please also note that students may choose to identify within the University community with a preferred first name that differs from their legal name and may also update their gender. The preferred first name will appear in University related systems and documents except where the use of the legal name is necessitated or required by University business or legal need. For more information and

instructions on how to do so, please see the Student Preferred Name and Gender Policy at <http://policies.depaul.edu/policy/policy.aspx?pid=332>

Students with Disabilities

Students seeking disability-related accommodations are required to register with DePaul's Center for Students with Disabilities (CSD) enabling them to access accommodations and support services to assist with their success. There are two office locations:

1. Loop Campus (312) 362-8002
2. Lincoln Park Campus (773) 325-1677
3. Email: csd@depaul.edu

Students who register with the Center for Students with Disabilities are also invited to contact Dr. Gregory Moorhead, Director of the Center, privately to discuss how he may assist in facilitating the accommodations to be used in a course. This is best done early in the term. The conversation will remain confidential to the extent possible.

Please see <https://offices.depaul.edu/student-affairs/about/departments/Pages/csd.aspx> for Services and Contact Information.

Attendance

Classes will consist of lecture, discussion, quizzes and hands on exercises. Most of the work is done in class. Attendance is recommended to get the full value of the class. Missed classes affect Class Participation and can have a negative effect on your final grade.

Class Participation

You are expected to join in class discussions and participate in activities. A portion of your grade is set aside for the "in class" exercises. If you miss the class, you get a 0.

SCA Safety Training

In order to make reservations for space or equipment students will need to complete the SCA Production Training. The process has been updated for Fall 2022, and additional information will be posted on D2L.

The SCA Production Training Link for the class will be accessible by clicking the "SCA Central" tab and then clicking "Info and Resources." All students should watch the video presentations and take the quizzes as soon as possible if they intend to access resources. Any students who have not taken and passed the training will not be able to make reservations for space or equipment until they have done so.

Digital Assignments

All assignments handed in digitally must include your name and the title of assignment, and the file name should contain your name.

Examinations

Students who do not take exams during the regularly scheduled time will receive a failing grade for the exam unless they have contacted the instructor in advance to arrange for a make-up exam. Make-up exams will be administered by the College according to its make-up exam schedule.

Working in Groups

A major component of film production is teamwork. It is your job as a team to work through conflicts. If things become unmanageable, I encourage you to meet with me as a team and I will help mediate/resolve the situation.

The Stage

Some workshop/Lab time will be held on the production stage. There is no eating or drinking allowed on the stage. Wrap all equipment when finished and return to the designated area. The entire class will be held responsible to return the stage to the order it was in when found. NO STUDENT LEAVES CLASS until the stage is in proper condition.

SCA Production Office

The Production office, located in LL Daley Building and at production@cdm.depaul.edu is an invaluable resource to all DePaul student filmmakers. The office can answer general questions about navigating filming inside or outside of DePaul, SCA facilities and equipment, and provide resources for casting, insurance, crew calls, etc. Office hours are listed on the CDM Production Resources page [here](#).

SCA Central

Run by The Production Office, SCA Central is our online information hub, filled with resources including the SCA Production Handbook, pre-production templates, waivers/contracts, job listings, SCA events, local production community news & events, internship opportunities, etc. [Find it on D2L and make it your home page.](#)

SCA Production Handbook

Required reading for all SCA Students prior to equipment/stage/studio reservations, The SCA Production Handbook is an invaluable resource to all DePaul student filmmakers. Guidelines, policies, and procedures for filming at DePaul; using SCA facilities and equipment; and answers to questions regarding SCA resources and building contacts, are found inside. The handbook is updated regularly on [SCA Central](#) and also linked to the CDM Production Resources page [here](#).

Talent Waivers

Talent waivers must be signed by any outside talent (non-DePaul students) and submitted to The Production Office **prior** to camera rolling for any projects. Waivers and other commonly used forms can be found on [SCA Central](#) under "Info & Forms".

DePaul Production Insurance

DePaul production insurance **does not cover** the use of fire (including pyrotechnics and fireplaces), use of vehicles for shooting (moving or stationary), or animals of any kind and is therefore not permitted for SCA projects unless proof of personal production insurance is provided.

Read more about DePaul's requirements via the SCA Production Handbook. Any questions about DePaul's insurance should be directed to The Production Office *well before* shooting begins (production@cdm.depaul.edu).

Use of Prop Weapons

Rules and regulations **MUST** be followed when using prop weapons, including firearms. The instructor must approve the appearance of a prop weapon in any student film, including class syllabus assignments. An approved/signed Prop Weapon Request Form must be submitted to the Production Office prior to filming (find it on [SCA Central](#) under "Info & Forms"). For safety purposes, The Production Office may also review the filmmaker's plan for transportation of prop firearms prior to receiving approval for use.

ABC - Always Be Careful

Film and video production shoots can be hazardous. Above all, work safely in all situations and always think before you act. Please don't hesitate to ask faculty if you're unsure about anything regarding your shoot, in or out of class.

FILM 358_801 Advanced Cameras Technologies – Tuesdays 6:00-9:15 / Lecture Schedule

1	1/3	Intro Digital Systems Overview	Hands-on practice: Canon C100 / C300 MKI	Homework 1
2	1/10	Crew Hierarchy Set Safety Support equipment	Hands-On: C300 MKI, C300 MKII Demo: Arri Alexa, Amira	Homework 2
3	1/17	Aspect Ratios, Shutters and Frame Rates	Hands-on Practice: Alexa, Amira Demo: SONY FX9	Homework 3
4	1/24	Codecs & Specs	Hands-on Practice: FX9 Demo: Red Komodo, Epic, Weapon TBD	Homework 4
5	1/31	Hands-On Practice: Red Systems Intro to Slating and the 2 nd AC	Hands-on Practice: Red Systems Komodo, Epic, Weapon TBD	Homework 5
6	2/7	The 2 nd Ac and Loader Data Management Logs and Reports, DIT	Demo: FX9	Midterm
7	2/14	1st AC, Camera and Lens Prep Filters	Hands-on Practice: Arri, Red TBD	Homework 6
8	2/21	Depth of Field		Homework 7
9	2/28	Modes and Environments Lens and Camera Testing	Hands-on Practice: C300, FX9	Homework 8
10	3/7	Semester Wrap up and Review Class equipment handling and camera assisting assessment. Hands-on Practice.	Hands-on Practice: Arri, Red TBD Schedule and complete certifications.	Review
11	3/21	Final Exam: Written	Schedule and complete certifications.	Final Exam

* Read Handouts as assigned. Watch videos as assigned. Check D2L for handouts and video links