

# FILM 358/458 Advanced Camera Technologies

9/7/22

Fall 2022 | 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](mailto: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 @ 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 September 5, 2022	Labor Day – University officially closed
Tuesday September 6, 2022	New Student Convocation
Wednesday September 7, 2022	Begin Autumn Quarter 2022 All Classes
Tuesday September 13, 2022	11:59 PM Deadline to add classes to AQ2022 schedule
Tuesday September 20, 2022	Last Day to drop AQ2022 classes with no penalty (100% refund of tuition if applicable and no grade on transcript)
Tuesday September 20, 2022	Last day to select pass/fail option for AQ2022 classes
Wednesday September 21, 2022	Grades of "W" assigned for AQ2022 classes dropped on or after this day
Tuesday September 27, 2022	Last day to select auditor status for AQ2022 classes
Saturday October 1, 2022	Last day to apply for Autumn degree conferral
Wednesday October 5, 2022	Begin AQ2022 optional mid-term exam week
Tuesday October 11, 2022	End AQ2022 optional mid-term exam week
Tuesday October 25, 2022	Last day to withdraw from AQ2022 classes
Tuesday November 15, 2022	End AQ2022 Day & Evening Classes
Wednesday November 16, 2022	Begin AQ2022 Day & Evening Final Exams
Tuesday November 22, 2022	End AQ2022 Day & Evening Final Exams
Tuesday November 22, 2022	End of Autumn Quarter 2022
Thursday November 24, 2022	Thanksgiving Holiday - University officially closed
Friday November 25, 2022	Thanksgiving Holiday - University officially closed
Saturday November 26, 2022	Thanksgiving Holiday - University officially closed

Sunday November 27, 2022	Thanksgiving Holiday - University officially closed
Thursday December 1, 2022	"R" grades issued Autumn 2021 lapse to "F"
Thursday December 1, 2022	Grades Due: Autumn Quarter 2022
Friday June 16, 2023	"IN" grades issued Autumn 2022 lapse to "F"

### 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	25%
Final Exam	10%
Final Assignment – Test and presentation	20%

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, posted under Announcements in D2L and sent via email.

### 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*

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.

### **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](mailto: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](mailto: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](mailto: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\_458 Advanced Cameras Technologies – Tuesdays 6:00-9:15 / Lecture Schedule

	9/6	No Class	No Class	Due
1	9/13	Intro Crew Hierarchy Set Safety Aspect Ratios, Shutters and Frame Rates Support equipment	Hands-on practice: Support equipment	
2	9/20	Camera and Lens Safety Intro to Lenses Organizing Gear Digital Systems / Basics	Demo: C300 MKI, Demo: C300 MKII	Quiz 1
3	9/27	The 2 <sup>nd</sup> AC On The Set Procedures – Slating Timecode Midterm practicals - discussion	Hands-on Practice: C300MKI C300 MKII	Quiz 2
4	10/4	Codecs & Specs 1 <sup>st</sup> AC in Prep Camera Prep	Demo: Arri Alexa Demo: Arri Amira Demo: Sony FX9	Quiz 3
5	10/11	Depth of Field Camera and Lens Testing	Hands-on Practice: Arri Alexa, Arri Amira, Sony FX9	Quiz 4
6	10/18	1 <sup>st</sup> AC on set Pulling Focus Filters	Demo: RED Epic Demo: RED Epic-W Demo: RED Komodo	Quiz 5
7	10/25	Data Management Logs and Reports DIT	Hands-on Practice: RED Epic, RED Epic-W, RED Komodo	Quiz 6
8	11/1	Modes and Environments Discussion – Camera Testing Set schedules for final exam practicals	Hands-on Practice: Cameras TBD	Quiz 7
9	11/8	In class test shoot Class equipment handling and camera assisting assessment.	Hands-on Test Shoot: Cameras TBD	Quiz 8
10	11/15	Semester Wrap up and Review Review week 9 footage.	Final Exam Practical.	Presentation
11	11/22	No Class Final Exam: Written	Final Exam Practical.	Final Exam

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