College of Computing & Digital Media

Summary of the Course

This course is an introduction to digital color correction used in the film industry. Color correction is often the least talked about, most overlooked part of filmmaking. Today, using digital tools, the possibilities of manipulating images are endless and require both technical and artistic sensibilities that take practice to develop. Using DaVinci Resolve software students will take their first steps toward color correction manipulation techniques with industry-standard technology and methodology currently used in professional filmmaking.

DC 325-401
Autumn Quarter 2017
Meeting Time Weds 1:30 - 4:45
Lecture and Lab
Classroom CST 922
Instructor Information
Bob Sliga
Email: bobsliga@yahoo.com
Cell: 815-955-8701
Office hours:
Weds CDM 522-3   12:45-1:30   and   CDM 922   4:45-5:15

Textbooks and Printed Resources

Suggested but NOT REQUIRED
Color Correction Handbook Professional Techniques for Video and Cinema by Alexis Van Hurkman PeachPit Press
Current DaVinci Resolve Manual on local machine

RECOMMENDED SUPPLIES:
1 External MAC FORMATTED Hard drive (250 GB minimum)

Prerequisites

Understanding and Knowledge of the Editorial Process

Grading Scale Percentage

A 93-100: A- 90-92: B+89-87: B 86-83: B- 82-80: C+ 79-77: C 76-73: C- 72-70: D+ 69-67: D 66-61: D- 60-55: F 54 and below

Projects

1 In Class Color Balance project worth 15 points

1 In Class HSL Grading project worth 15 points

1 Conforming and Round Trip Color Matching project worth 30 points

1 Continuity project worth 30 points.

Attendance 1 Point Per Week

Exams

1 Written Midterm Exam worth 50 points.

1 Written and Practical Final Exam worth 50 points.

Learning Outcomes

Upon successful completion of this class the student should be able to…

- Have a working knowledge of color aesthetics for the motion picture industry.
- Evaluate of an image's contrast and color using Waveform monitor and Vector Scope.
- Use proper technical procedures, and color grading techniques utilized by professional colorists required for the digital cinema color correction process with the DaVinci Resolve color correction software.
- Conforming and verifying an edited project in DaVinci Resolve for color correction.
- Using color correction for matching to maintain continuity throughout the project.
- Demonstrate a basic understanding of Scene Cut Detection and Round trip workflows from Adobe Premier to DaVinci Resolve, back to Premier.

Course Policies:

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.

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. Students complete the evaluation online in CampusConnect.

Academic Integrity and Plagiarism

This course will be subject to the university's academic integrity policy. More information can be found at http://academicintegrity.depaul.edu/. If you have any questions be sure to consult with your professor.

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

Students with Disabilities

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential.

To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at: csd@depaul.edu.

Lewis Center 1420, 25 East Jackson Blvd. Phone number: (312)362-8002

Fax: (312)362-6544

TTY: (773)325.7296

Course Policies as Suggested by the Dean of Students Office

Attendance: Students are expected to attend each class and to remain for the duration. Coming 15 minutes late or leaving 15 minutes early constitutes an absence for the student. The overall grade for participation drops one-third after any absence. Three absences for any reason, whether excused or not, may constitute failure for the course.

Class Discussion: Student participation in class discussions will be measured in two ways. First, students are highly encouraged to ask questions and offer comments relevant to the day's topic. Participation allows the instructor to "hear" the student's voice when grading papers. Secondly, students will be called upon by the instructor to

offer comments related to the reading assignments. Students must keep up with the reading to participate in class discussion.

Attitude: A professional and academic attitude is expected throughout this course. Measurable examples of non-academic or unprofessional attitude include but are not limited to: talking to others when the instructor is speaking, mocking another's opinion, cell phones ringing, emailing, texting or using the internet whether on a phone or computer. If any issues arise a student may be asked to leave the classroom. The professor will work with the Dean of Students Office to navigate such student issues.

Civil Discourse: DePaul University is a community that thrives on open discourse that challenges students, both intellectually and personally, to be Socially Responsible Leaders. It is the expectation that all dialogue in this course is civil and respectful of the dignity of each student. Any instances of disrespect or hostility can jeopardize a student's ability to be successful in the course. The professor will partner with the Dean of Students Office to assist in managing such issues.

Cell Phones/On Call: If you bring a cell phone to class, it must be off or set to a silent mode. Should you need to answer a call during class, students must leave the room in an undisruptive manner. Out of respect to fellow students and the professor, texting is never allowable in class. If you are required to be on call as part of your job, please advise me at the start of the course.

School policies:
Online Instructor Evaluation
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 two weeks. Students do not receive reminders once they complete the evaluation. Students complete the evaluation online at https://mycti.cti.depaul.edu/mycti

Email

Email is the primary means of communication between faculty and students enrolled in this course outside of class time. Students should be sure their email listed under "demographic information" at http://campusconnect.depaul.edu is correct.

Incomplete

An incomplete grade is given only for an exceptional reason such as a death in the family, a serious illness, etc. Any such reason must be documented. Any incomplete request must be made at least two weeks before the final, and approved by the Dean of the College of Computing and Digital Media. Any consequences resulting from a poor grade for the course will not be considered as valid reasons for such a request.

Resources for Students with Disabilities

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential.

To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted either:

- PLUS Program (for LD, AD/HD) at 773-325-4239 in SAC 220
- The Office for Students with Disabilities (for all other disabilities) at 773-325-7290 Student Center 307

DePaul University's College of
Computing and Digital Media
243 S. Wabash Avenue, Chicago IL 60604 l (312)362-8381
Questions? Email us: General l Admission l Advising l Website

Week 1   Lecture and Objectives
Introduction, Course and Syllabus Overview
DaVinci Resolve overview and demo
Color Terminology Overview
Students create their own user in Resolve
Importing a Resolve Project
Using the Project Manager
Understanding the Video Scopes
Media Pool and Video Attributes

Assignment for next week:
Read Chapters 1, 2 & 10 in DaVinci Resolve Manual

Week 2   Lecture and Objectives
Color Balance Project   15 Points
Color Room
Evaluation of Contrast using Video Scopes
Identifying and Correcting a Colorcast
Color Balancing
Color Balance Project Due End of Week 3
Assignment for next week:
Read Chapter 3 pages 58–86 and Power Windows Chapter 12 pages 587–602 in the DaVinci Resolve Manual

Week 3   Lecture and Objectives
Secondary Color Correction
Power Windows
Key Frames
Motion Tracking
Color Balance Project Due End of Class
Assignment for next week:
Read Secondary Qualifiers Chapter 12 pages 573–587 in the DaVinci Resolve Manual.

Week 4   Lecture and Objectives
Secondary Color Correction Continued
Area Isolation
HSL grading
Midterm Review

Week 5   Lecture and Objectives
IN CLASS HSL Project   15 Points
HSL Grading
Gallery Still Store
          Color Matching
                Gallery Wipe Matching and Matching Using Scopes
Midterm
IN CLASS HSL Project Due at End of Class Week 6

Week 6   Lecture and Objectives
Conforming and Round Trip Color Matching Project   30 Points
Prepping for Color Correction
Importance of Reference Movie
Conforming
Round Trip Workflow
Deliver Page
IN CLASS HSL Project Due at End of Class
Assignment Due Next Week: Conforming and Round Trip Color Matching Project.

Week 7   Lecture and Objectives
Resolve Automatic Scene Detection
Shot Grouping
Lab Time for Conforming and Round Trip Color Matching Project Due at end of class

Week 8   Lecture and Objectives
Continuity Project   30 Points
Continuity
Using Power Windows to shape light and viewing direction

Lab Time for Continuity Project DUE WEEK 10 at End of Class

Week 9   Lecture and Objectives
Image Stabilization
Versions
Lab Time
Lab Time for Continuity Project Due at End of Class Week 10.

Week 10 Lecture and Objectives
Camera Raw
LUTS
Review for Final Exam
Continuity Project Due at End of Class

Week 11
Written and Practical Final Exam