ACCF PTDI 290 Digital Image Elaboration

Department:	Photography
Instructor:	Dario Orlandi
Prerequisites:	None
Credits:	3
Course Objectives:	The objective of this course is to provide the students an in-depth knowledge about the characteristics of digital images, processing software and methods and a critic understanding of postproduction as an integral part of photographic language.
Course Description:	The course includes an in-depth analysis of digital photographic images together with a technical and critical approach to postproduction. It begins with an analysis of the IT characteristics of digital images and continues with the study of photo management and elaboration/processing software. Topics will include digital color, file typologies and characteristics, Adobe Bridge® browser and backup systems. We will study raw file development in depth, using Camera Raw® interface and Adobe Lightroom® software as an on/offline manager, as a development software and as an output tool. The second half of the course will focus on a detailed and applied study of Adobe Photoshop® software including interfaces, menus, instruments, selections, channels, layers, layer masks and filters.
Student Assessment:	During the semester students will follow the detailed indications provided in the weekly schedule. The assignments (see below) will be considered as midterm and final evaluations. Assignments • midterm assignment consist of a multiple choice test about the main characteristics of digital file and backup methods • final assignment is a portfolio of 20+ compared images (before/after postproduction) which demonstrates competence using Camera Raw®/Lightroom® and Photoshop® softwares. Each assignment will be evaluated according to: 1) consistency and completeness (30%); 2) depth of analysis (20%); 3) photographic quality (30%); 4) works presentation (20%). The final grade will be calculated considering the midterm evaluation (30%), final assignment evaluation (40%), class attendance (15%) and semester improvement (15%).
Learning Outcomes:	At the end of the course the student will be able to: • manage images archives with Adobe Bridge® and Adobe Lightroom® and correctly back up data; • choose and manage different file formats; • acquire raw files with Adobe Camera Raw® and Adobe Lightroom®; • edit/process a digital image with Adobe Photoshop® using the main instruments; • critically interpret an image choosing the appropriate postproduction approach.

	Week	Topic
Course Outline:	**Week 1**	Course introduction: description, bibliography, assignments, evaluation criteria. History, philosophy and approaches to digital images processing. *Assignment:* Search for two examples of postproduction: one approved, one badly interpreted.
	Week 2	Digital image file and digital color. Archives management with Adobe Bridge® and backup methods. *Assignment:* Organize your own work in rational folders and activate a backup system.
	Week 3	RAW file acquisition, Adobe Camera Raw® interface. *Assignment:* Select 5 raw images and work on them with Adobe Camera Raw®, showing the results in class.
	Week 4	RAW file acquisition, Adobe Camera Raw® interface. *Assignment:* Select 5 raw images and work on them with Adobe Camera Raw®, showing the results in class.
	Week 5	Adobe Lightroom®: catalog, Library and Develop interfaces *Assignment:* Exercise on File, Edit, Image, Select, View, Window menus. Learn the menu highlights indicated in class in depth.
	Week 6	Photoshop: interface, file browsing, keyword and peripherals use, work space, menus, menus highlights.
	Week 7	Photoshop: selection tools (channels) *Assignment:* Contour 5 images of geometric and irregular borders objects.
	Week 8	Photoshop: other tools *Assignment:* Exercise with non selection tools: process 5 images showing the use of those tools.
	Week 9	Photoshop: layers, adjustment layers and layer masks *Assignment:* Process 5 images using (adjustment) layers and layer masks.
	Week 10	Photoshop: filters and advanced objects *Assignment:* Process 5 images using filters (in multilayer).

	Week 11	Delivery of final portfolio of 20 images comparing before/after postproduction and class review.	
	Week 12	Final evaluation delivery and individual comments.	
Bibliography:	Evening, Martin. *Adobe Photoshop CC for Photographers*. Evening, Martin. Adobe *Photoshop CS5 for Photographers:* *The Ultimate Workshop.* Evening, Martin. *The Adobe Photoshop Lightroom CC / Lightroom 6* *Book: The Complete Guide for Photographers.*		