NOTE: The instructor reserves the right to modify the course requirements, assignments, grading procedures and other related policies as circumstances so indicate.

CATALOG DESCRIPTION: ARTC 2305 Digital Imaging II This course provides instruction in use of digital cameras to capture images for use in illustration, design, publications and advertising. Topics include color and grayscale images and image conversion and presentation. I will instruct in the use of the computer as an electronic darkroom. Prerequisites: ARTC 1302 and ARTC 1305 or demonstrated competence or approved by the instructor. (2 Lecture., 4 Lab.) Lab work is mandatory to pass this class.

COURSE OBJECTIVE: The objective of this course is to provide instruction in digital imaging for use with photography and the importance of storytelling with imagery. Through various exercises, projects and tests, the student will be able to apply learned skills in utilizing the Macintosh computer toward creation, manipulation, and correction of photographs. The primary focus of this class is the use of the Apple Macintosh computer and raster-based graphics software to digitally manipulate photographs.

COURSE OVERVIEW: We will begin the semester by discussing the anatomy of the Digital Camera, digital work-flow, and basic photo editing techniques. We will explore Adobe Photoshop as a tool for editing photographs. Approaches to shooting digital images will be discussed and analyzed.

Books listed are required unless otherwise stated by Instructor.
Learning Outcomes: Successful completion of this course will enable the student to:

1. Define common terminology associated with the Digital Camera and Imaging software.
2. Examine the anatomy of a Digital Camera.
3. Demonstrate a working knowledge of saving, filing, transferring and backing up images acquired with a digital camera using digital imaging software.
4. Demonstrate the proper care and handling of computer storage media (memory cards, thumbnail drives, or other electronic media types).
5. Demonstrate the use of image management within a digital imaging application.
6. Demonstrate the use of cropping and resizing images within a digital imaging application.
7. Identify the use of the color correction features within a digital imaging application.
8. Identify the use of the tone and exposure correction features within a digital imaging application.
9. Demonstrate the ability to recognize all common image problems within a photograph.
10. Demonstrate the use of tools used in removing unwanted objects from images.
11. Demonstrate the use of appropriate tools used in retouching images.
12. Identify special effects tools used in the manipulation of images.
13. Utilize sharpening techniques used within a digital imaging application.
14. Demonstrate an understanding of the gray-scale features used within the imaging software when converting images from color to Black and White.
15. Demonstrate the use of features and tools used for presentation of your work.
16. Demonstrate previsualization, design and compose a thought-provoking photograph, using light and shadow, lines, shapes, texture, rule of thirds and other elements of photography.

Course Outline:
Week 1: The Power Photography, storytelling with your digital camera.
Week 2: Photoshop/ Lightroom / Bridge, Camera RAW, Field Project #1
Week 3: Camera RAW Adjustment Tools, Resizing & Cropping Photos
Week 4: Tone, Exposure and Color Correction
Week 5: Fixing Common Image Problems
Week 6: Working with Blending Modes, Field Project #2
Week 7: Sharpening Techniques
Week 8: Special Effects for Photographs
Week 9: Portfolio Review / a preparation for publishing
Week 10: Student Lab Day & Outside Research
Week 11: Printing & Color Management, Field Project #3
Week 12: Black & White Conversion
Week 13: Photo Experiments
Week 14: Showing Your Work
Week 15: Portfolio Review and Critique in class with published book or printed and mounted images
Evaluation and Grading Policy: Evaluation of the exercises will be based on technical achievement. Evaluation of the projects will be based on concept, design, and composition as well as technical achievement. Active participation in online critiques and course discussion board is mandatory and will affect the overall grade for each project. Grading is on an accumulative point system. Each project, exercise, and activity is awarded points through evaluation.

Grading Criteria:

Total Possible Semester Points: 1000

Project #1 Garden / Cityscapes / Landscapes / Street Photography 100 pts.
Project #2 People / Portraits / Still Life/ 100 pts.
Project #3 Abstract / Panorama / Environmental / 100 pts.

Lab Assignments (10 @ 10pts. per assignment) 100pts. [Selecting, Editing and Printing Images]

Design Studies (3 @10 pts. per assignment) 30 pts. [Composition, Light/Shadow, Texture and use of Lines using Rule of Thirds]

Online Discussion Board Participation and class critiques Extra Credit / 50 pts. Ea. All discussions must be completed with 200 words or more including Digital Imaging II Advanced vocabulary and vernacular.

Participation/Critique will require well thought out responses to receive points for class participating and cohort critiques.

Grading Scale:
1000 - 850 = A 849 - 800 = B 749 - 700 = C 649 - 600 = D Less than 600 = F

Course Requirements: This online course is an intermediate to advanced Adobe Photoshop class taught on e-campus. The orientation will be given online upon login to the class. Requires access to the Internet using a current browser (not AOL), email, and a current version of Adobe Photoshop for either Mac OSX or Windows. To reach e-campus, go to http://e-campus.dcccd.edu. Login using your Student ID number, with a lower case "e" in front for your username and enter your password. Once inside, click on your class on the right side of your screen. An orientation to e-campus is required. The announcement you see when you log in to the class has instructions for completing the orientation.

This class uses the e-campus blackboard system as a component. To reach e-campus, go to http://e-campus.dcccd.edu. Login using your Student ID number, with a lower case "e" in front for your username and enter your password. Once inside, click on your class found within the tab
labeled "Courses." An orientation to e-campus is required. The announcement you see when you log in to the class has instructions for completing the orientation.

You are also required to have an email address listed in your student profile on e-campus. Keep your email address current. If you do not have an email address, you can obtain one through the DCCCD website.

All software for this class is provided in the classroom for your use, but if you are not able to make it to Brookhaven's campus to make use of our facilities, you will need to purchase the software we use in class for your particular platform and operating system.

Open lab hours are available to any enrolled student and will be posted. All software is available on Macintosh OSX environment computers. We will use current within one version of Photoshop / Lightroom / Bridge software for the entire semester. The software is available in either platform/operating system, PC (Windows) or Mac (OS X). You will also need a current browser, either Microsoft Internet Explorer, Chrome or Firefox to access e-campus, the online component of this class.

Visit sweetwater.com or BHphoto.com or any other student software site for information on purchasing software for students at substantially discounted prices.

This class requires 2 hours lecture and 4 hours lab scheduled time (6 hours per week), plus any outside time for homework, which usually depends on individual student study habits and skill level. The overall weekly time necessary to complete the required assignments is estimated at 8-10 hours per week.

**Supplies:**

--- A notebook and pen or pencil for taking notes

Required for this class is **Digital SLR Camera** able to create digital raw files is required (minimum 16 megapixels) --- no cell camera phone photography in this class

--- **64gb USB** "flash" or "thumb" drive **500gb** Hard Drive or bigger.
You will use the thumbnail drive to transfer large files from computer to your computer (if they are separate) and to save your files, etc. If you have another type of disk or storage device, you can use this as well.

Please do your research and consult with your instructor before you make any purchases. If you need to print your images for your own usage, I recommend the use of an outside service bureau such as BWC (in Dallas) or mpix.com as a source for online printing options.

**Email Policies:** In all emails or messages that you send to me, you must identify yourself fully by name and class. I will respond to course-related emails/messages within 24-48 hours.
For assignments due dates, please refer to the course schedule which is in progress and subject to change.

**Course Policies:** Class Participation Policy: Your attendance will be evaluated by your participation in critiques; including blackboard online class discussions. You determine how much time you need to spend in order to complete your coursework. As mentioned above, an average student will spend 3 hours for every one credit hour of the course. Lack of participation will result in a lower final grade in the course. Late work is NOT accepted. There are generous due dates throughout the semester. There is no reason for work to be late. If you have a special circumstance, communicate with your instructor. You have regular and required due dates.

**Please keep this in mind.** Examination Policy: Exams may be given on class lectures, stay abreast of lecture notes.

**Submitting Required work:** All work is to be turned in when due, as is outlined in the course schedule. You are required to submit work through the assignment feature. This is the same assignment that you access the instructions and files to complete exercises. When you complete the exercise/project or design study, return to the assignment and upload your files to the instructor’s desktop in a folder with your name and semester listed on the folder. You will notice there are generally several exercises due at the same time. Submit each exercise as you complete it, using compression software to submit exercises requiring more than one document. E-campus does not allow uploading of folders, only files. You must compress your folders that contain multiple files into a zip file and submit this one zip file. Please do not submit incomplete files. Once you submit your work for an assignment, you will not be able to resubmit work for the same assignment without prior permission from the instructor. You may SAVE your assignment until it is complete and submit it when complete.

**Examination Policy:** This class relies mainly on practical hands-on lab assignments, design studies, and projects. However, there may be pop quizzes or exams given on class lectures.

**Critiques:** This class is designed as a hybrid in classroom class with an online discussion board for collaboration on projects. Projects are the significant portion of the curriculum. In class critiques are essential in developing effective verbal/written communication and critical skills.

Since the discussion board is on blackboard online, you will exercise creative written skills and in class you will exercise you verbal presentations. Critical analysis expressed through written discussion of conceptual, compositional and technical aspects of each project is expected.

**Active participation in critiques is required.** Participating in project critiques is mandatory in this class. Information on posting your written critiques is found within the course weekly documents. It is essential that you demonstrate your understanding of visual elements, design, and composition and vocabulary in your written responses. Please be thorough in your critique and include technical as well as conceptual observations.
Your statements are evaluated for grading purposes. We will critique projects, design studies and storytelling techniques — the exercises are not critiqued.

You will post your comments to the project/design study to the forum on the discussion board stating your concepts and technical challenges, how and why you created your project in the manner that you chose, etc. Then you will attach the JPG of the best selected image to your comments and submit. To critique another student's work, click on their comments and view their attached JPG file, then reply by posting your written comments. Please see the grading criteria for the points you can earn for participating in critiques throughout the semester.

**Class Participation:** As this is an Advanced Digital Imaging class, you are expected to participate in both in class and online class discussion board sessions and in class or online class critiques. The learning process also requires that you read lectures and complete text and general assignments by the posted due date. If for some reason, you are unable to participate, inform your instructor. Use the lectures notes posted on e-campus, the online component of this class, to remain current with the course materials and assignments if you must be absent.

**DROP DATE:**
March 15th, 2019

**INSTRUCTOR'S RIGHT TO MODIFY:** The instructor has the right to add, delete, or revise segments of this course syllabus.

**Institutional Policies**
http://www.brookhavencollege.edu/syllabipolicies