

# Hagerstown Community College Master Syllabus

## GDT 116: Digital Imaging

### Course Information

GDT 116 – Digital Imaging

3 credits

SP 19

### Instructor Information

### Course Description

This course is an intensive investigation into digital image creation and editing using industry standard software: Adobe Photoshop. Students will learn how to create and manipulate digital images from scratch, as well as use the digital camera and scanner. Image editing will include a large variety of features in Adobe Creative Suite Photoshop as they relate to applications in the graphic design field. Emphasis will be placed on preparing digital files for web, offset print and inkjet output. Students will gain an overview of how digital files are used in the field of graphic design. Students produce a portfolio of their work. A total of 45 hours of lecture. Course fee required. Prerequisite: GDT-112 or consent of TCS Division.

### Textbook

Adobe Classroom in a Book- Photoshop CC 2018 release ISBN-13: 978-0-13-485248-5

### Student Learning Outcomes

- Demonstrate critical thinking skills to solve visual problems using Adobe Photoshop CC.
- Demonstrate knowledge of Adobe Photoshop CC by selecting and applying appropriate tools to complete a variety of specific graphic design exercises.
- Demonstrate knowledge of specific issues relative to digital imaging including image resolution, file size, input, (scanning, downloading, uploading) output (print issues)
- Demonstrate knowledge of how Adobe Photoshop CC is used in the graphic design field for a variety of production processes including Web and Print.
- Students will be able to discuss their knowledge of theory and vocabulary of their field in a professional manner through written and verbal communications as well as demonstrated in their work and analyze those terms in their own and others works.
- Students will be able to identify the legal issues of copyright and appropriately use copyrighted material in their projects.
- Demonstrate layout and composition in their pieces through the use of balance, hierarchy, emphasis, unity, movement, contrast, rhythm, focus, use of grids and white space.
- Students will be able to defend their own work and professionally critique other's through oral and written arguments that evaluate diverse users/audiences, technical issues, and design choices related to client needs.

### Definition of Credit Hour: Classroom Courses

To earn one academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute academic hours) of coursework per semester. Those hours of coursework may be

completed through a combination of hours in the classroom and hours outside the classroom. Certain courses may require more than the 37.5 minimum hours of coursework per credit. For most classes, students should expect to complete at least 2 hours of coursework outside of class for each hour of in-class coursework.

Classwork type	Direct Faculty Instruction In-class <b>37.5 hours required</b>	Student Work Out of Classroom <b>75 hours required</b>
In-class lecture and discussion	37.5 hours	
Reading		20 hours
Quiz/exam studying		10 hours
Reading question completion		15 hours
Paper writing		30 hours
<b>Total</b>	<b>37.5 hours</b>	<b>75 hours</b>

### **Services for Students with Disabilities**

Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at [dss@hagerstowncc.edu](mailto:dss@hagerstowncc.edu) or at 240-500-2530.