Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT

COURSE: *WEB 110 – Web Design II* **3 Credits**

INSTRUCTOR: **SEMESTER/YEAR:** *Spring 2018*

COURSE DESCRIPTION: Students will learn fundamental design concepts for creating web sites. This course provides a more detailed look at web design, from planning to publishing. Topics include using modern HTML, CSS, mobile design, image optimization, as well as site planning. Special focus will be paid to the planning and development process for building websites to client specifications and the creative and technical processes behind it. Prerequisite: DMT 101. Semester offered: Spring.

TEXTBOOKS:
- *Mobile User Experience ISBN-13: 978-0124095144*
- *Web Animation Using JavaScript ISBN-13 978-13-409666-7, ISBN 10: 0-13-409666-5*

STUDENT LEARNING OUTCOMES:
- Students will show technical proficiency in **raster** Image Manipulation by creating layer based images optimized for specific applications and showing comprehension of raster software.
- Students will demonstrate technical proficiency in **HTML** by creating code that validates, correctly incorporates all necessary code, follows semantic design and universal accessibility principles, is SEO friendly and is handicap accessible and 508 compliant.
- Students will show technical proficiency in **CSS** by creating code that validate and meets project requirements.
- Students will demonstrate **professional practices** including project management, creating and adhering to project specifications, gathering, organizing and creating content, meeting deadlines, and communicating with teachers and clients in a professional and courteous manner.
- Students will evaluate and employ **safe and legal computing practices** including securing computers against theft and cybercrime, properly using logins and passwords, securing and archiving files, identify the legal issues of copyright and appropriately use copyrighted material in their projects.
- Students will analyze the client or project requirements and create **action plans** by turning concepts into thumbnails, mockups, site scopes, storyboards, deadlines, client meetings and other planning activities that achieve project goals.
- Students will demonstrate **typographic** skill through proper kerning, leading, tracking, legibility, alignment, and font selection and placement in their bodies of work.
- Students will 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.

TOTAL HOURS OF COURSEWORK:
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 within 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 do at least 2 hours of coursework outside of class for each hour of in-class coursework.

Assignment	Hours	Weekly
Classroom instruction/	37.5	2.5
Reading / Discussions	10	30 m
Book Chapters/Tutorials	50	2
Projects	30	Varies
TOTAL	**112.5**	**~6**

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 or at 240-500-2530.