

Montgomery County Community College
CIS 114
Web Design and Development
3-2-2

COURSE DESCRIPTION:

This hands-on course introduces students to the fundamental skills required to build a modern and standards compliant Web site. A specific focus is placed on usability design and the use of HTML and CSS standards to create positive user experiences across a variety of devices and browsers. Students will learn the tools and skills necessary to build, organize, and maintain Web sites while following industry best practices in interface design and usability.

REQUISITE(S):

Previous Course Requirements

- * ENG 011 or ESL 011 Basic Writing II
- * REA 011 Fundamentals of College Reading or REA 017 Vocabulary & Reading Comprehension Development II

Concurrent Course Requirements

None

LEARNING OUTCOMES LEARNING ACTIV

- 10. CSS Page Layout
- 11. Advanced Features of HTML
- 12. Tables
- 13. Forms
- 14. The Web Site Development Process
 - a. Capstone project

- 15. Content Management Systems
- 16. Multimedia & Interactivity
- 17. Domains, Hosting, and Site Promotion
- 18. Javascript Introduction

LEARNING MATERIALS:

Carey, P. (2021) *New Perspectives on HTML5 and CSS: Comprehensive 8th edition with MindTap*. Course Technology. ISBN:

Krug, S. (2014) *Ö[] } øÁ æ^Á^Á/ç \KÓZÓ[{ { [] Á^} •^Á[] !: æ&ç Á^àÁ^ æãã (3rd Ed)*. New Riders. 9780321965516

Other learning materials may be required and made available directly to the student and/or via the College’s Libraries and/or course management system.

COURSE APPROVAL:

Prepared by: Alan Evans	Date: 1/2002
Revised by: Pat Rahmlow	Date: 3/2009
VPAA/Provost Compliance Verification: Dr. John C. Flynn, Jr.	Date: 9/11/2009
Revised by: Jason Wertz	Date: 2/2010
Revised by: Patricia S. Rahmlow	Date: 3/2013
VPAA/Provost or designee Compliance Verification: Victoria Bastecki-Perez, Ed.D.	Date: 7/11/2013
Revised by: Patricia S. Rahmlow	Date: 5/2017
VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D.	Date: 8/21/2017
Revised by: Marie Hartlein	Date: 4/26/2021
VPAA or designee Compliance Verification:	Date: 4/27/2021



This course is consistent with Montgomery County Ö[{ { ~} æ^Á[] ||^^qÁ ã•ã}. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.*