# CIT-125 Web Design and Development
## COURSE OUTLINE

| Class Section(s): | Z01, Z02 | Class Location: | Blackboard, Online |
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| Class Time(s): | MTWThFSSu, Asynchronous | | |

| Instructor: | Dr. R. DuPont | Semester: | Spring 2022 |
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| Office Hours: | Monday & Wednesday: 4:00 to 5:00 <br> Tuesday: 11:00 to 2:00 | Office Location: | Zoom |
| Instructor Contact Methods: | Email at RDupont@ccac.edu (Preferred) <br> Phone: 412-369-4123 | | |

| Books & Materials | **Required:** Web Design Playground - HTML + CSS, The Interactive Way <br> **Author:** Paul McFendries <br> **ISBN-13:** 978-1617294402 <br> **ISBN-10:** 1617294403 |
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| Course Credits: | 3 |
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| Prerequisites / Co-requisites: | Prerequisites: Basic skills using a personal computer; eligibility for MAT 090 |
| Course Description: | This course introduces students to working with Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Students develop their skills through hands-on projects that create web sites and implement responsive web design. This course also provides an overview of the history of the Internet and current practices for web design and development. Exploration of web development job opportunities and software tools are also examined. |
| Learning Outcomes (from the master course syllabus): | Upon successful completion of the course, the student will: <br> 1. Describe the evolution of the internet. <br> 2. Employ HTML and CSS in a web authoring tool to create responsive web pages. <br> 3. Discuss the different web languages utilized to create a fully functional website. <br> 4. Describe the different types of available web media used to create web page. <br> 5. Create example web pages using available web media. |

| | 6. Practice recommended guidelines for web site design, organization and development in the creation of a web site. |
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| General Education Goal(s) | How does this course meet the General Education goal(s)? |
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| Communication | 1, 3, 4, |
| Critical Thinking and Problem Solving | 2, 5, 6 |
| Technological Competencies | 2, 5, 6 |
| Information Literacy | 1, |

Course Policies & Procedures

| Evaluation Plan: | |
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| Projects (x3) | 300 Points |
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| Learning Activities | 300 Points |
| Midterm Exam | 300 Points |
| Final Project | 100 Points |
| Total Points | 1000 Points |

Grade Total: A (1000 - 900), B (899 - 800), C (799 - 700), D (699 -600), F (599 and below)

**Projects:** Projects throughout the course will encompass the use of the programs discussed and demonstrated in the course. All projects are expected to be completed no later than the due date given, except under extraordinary circumstances. An extraordinary circumstance includes death in families, illness of students, and unnatural occurrences. Students will be expected to provide documentation in such circumstances.

**Project Late Policy:** Students will be able to turn in assignments up to two days after the due date for 10% off the total grade on the assignment. After this time, the grade will be zero and the assignment will not be accepted.

Additionally, students involved with sports and groups on campus must turn in assignments prior to leaving for school-sponsored activities.

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| | **Project Attempts:** Once a project is graded, students have one additional attempt to redo and correct the mistakes made on the project. This is to be completed in the two weeks after the due date. <br><br> **Learning Activities** These are small activities and assessments that are completed through each week of the course. These can range from review of terminology to implementation of different elements in HTML and CSS. These are to reinforce the content students learned during that class and are due by the start of the following class meeting. <br><br> **Midterm Exam**: This is to reinforce core concepts that are presented in the first part of the course. Students will have one week to complete the Midterm Exam. |
| Attendance & Tardiness: | Students are allowed 1 unexcused absence from the course meeting time. Students who continue to miss course meetings and do not provide proper documentation will lose **25 points per absence** from their final overall grade. For an asynchronous online course - This means students must log in and complete an activity weekly to demonstrate a presence in the course. <br><br> An excused absence is where proper documentation is provided to the instructor of the course.  Accepted forms of documentation include doctor's Excuse, University documentation for participation in events, obituary of a family member. This documentation must be presented to the instructor at the following class meeting to be recorded. <br><br> Instructors are required to check attendance for the first three weeks of the term (or 20% of shorter terms) and report students who have never attended or stopped attending to the college Registrar. For this course, if you are not attending our live Zoom sessions, I will use the last date you completed an assignment or contacted me directly. If you do neither, I will be forced to mark you as not attending, even if you have logged into Blackboard. Students who have never attended will be dropped from the class, and financial aid will be adjusted – no refund of tuition or fees. Students who withdraw or stop attending prior to the 10th week of class (or 60% for shorter terms) will have financial aid adjusted to reflect the dates of attendance. You may be required to repay the college for the funds that are returned to the federal government. See Appendix A of the college catalog at catalog.ccac.edu. |
| Test and/or Quiz Makeup: | There is no make up for tests or quizzes, as students will have a week to complete the exam. |
| Technology Used: | <ul><li>A computer with internet and web browser, CCAC Blackboard account, and CCAC email</li><li>Area of storage for project and practices for the course</li><li>IDE such as Atom, Sublime, etc.</li><li>Access to GitHub</li></ul> |
| Academic Honesty: | Academic Misconduct Rules—the college expects students will not engage in: |

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| | **Cheating:** The act or attempted act of deception by which a student misrepresents that he/she has mastered information on an academic exercise that, in fact, has not been mastered. |
| | **Fabrication:** The use of invented information or citation in an academic exercise or the falsification of research or other findings. |
| | **Plagiarism occurs when a student:** |
| | <ul><li>fails to place quotation marks around material copied word-for-word from another source, published or not, including web-based content (long quotes are indented and blocked, according to discipline documentation requirements);</li><li>neglects to attribute words and/or ideas to the author, whether the author is published or not;</li><li>closely follows the original's wording and sentence structure when attempting; and/or</li><li>presents all or part of a paper from an essay-purchasing website or other sources as his or her own work.</li></ul> |
| | If you are not sure - ASK! I will let you know! Failure to follow this will result in a failing grade for the project. Further infractions will result in a failing grade for the class and report to the Dean of Academic Affairs. |
| Other Policies and Procedures: | <ul><li>File corruption, Drive failures, and other miscellaneous technological issues are not grounds for an assignment or final project extension. If this occurs, the student is still held to the due date and late policy (if applicable).</li><li>For on-campus classes, as students will have computers for use during the class with all needed software, students are responsible for their own personal computers and troubleshooting issues that can occur.</li><li>Make-Up Quizzes will be offered only for those presenting valid medical excuses within one week of the quiz or exam.</li><li>Final Exams are scheduled per College Policy. Your presence at the scheduled final exam time is mandatory. Failure to attend will result in a failing grade for the final showcase/critique.</li><li>Any electronic devices including cell phones, music players, laptops, and tablets should be muted during class.<ul><li>Cell phones are not to be out on the desks during class. Students will not text during the class.</li></ul></li><li>Students should be attentive during lectures and follow-along activities during the class period. Therefore, any non-class-related websites should not be open during this time, as they are distracting to you, and those around you.</li><li>Concerns related to the course should be presented to the professor in a timely manner before exploring other options. Set up an appointment with the instructor and present your concerns in a respectful, professional manner.</li><li>E-mails will be answered in a timely manner. However, they will not be answered from 4:00 pm to 8:00 am during the week.<ul><li>Emails sent after 4:00 pm on Fridays will not be responded to until Monday.</li></ul></li></ul> |

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|  | <ul><li><ul><li>During university holidays, e-mail responses will not occur until the start of classes again.</li><li>Emails sent 24 hours prior to the due time of an Assignment or Final Project will not be answered.</li></ul></li><li>When emailing regarding questions about the course:<ul><li>Include the course ID and number in the title of the email</li><li>Do not respond to email announcements sent via the Blackboard system</li><li>Ask questions in the email and/or provide times that you are available for meetings if outside office hours, and I will do my best to accommodate.</li></ul></li><li>Students are to behave in a professional manner during the class periods. Disrespectful or disruptive behavior towards students or the professors will not be tolerated, and you may be asked to leave the class.<ul><li>The student forfeits any assistance with that day's topic should they be asked to leave.</li><li>Conduct will be recorded as an Incident Report and conveyed to the Dean.</li></ul></li><li>Cheating, Plagiarism, or any other unethical behavior will be handled per the policies outlined by the Community College of Allegheny County. Students are expected to familiarize themselves with, and follow these policies.</li></ul> |

All students are expected to read and comply with the policies and regulations set forth in the CCAC Student Handbook, including without limitation the College's policies regarding academic and behavioral conduct, the procedures for requesting an accommodation based upon a disability, pregnancy or pregnancy-related condition, or religious observance, and for reporting unlawful discrimination and harassment.

The Student Handbook is available to view and download from the College's website at the following URL:  https://www.ccac.edu/policies.

The full text of the College's *Policy Manual, Administrative Regulations Manual*, and the Civil Rights Complaint Procedure can also be viewed and downloaded
at:  https://www.ccac.edu/policies.
Information concerning the process and documentation required to request a disability-related accommodation can be obtained by contacting the campus' Office of Supportive Services for Students with Disabilities (OSSSD) or by visiting the OSSSD information page
at https://www.ccac.edu/policies.

Students are reminded that they can access their course information and CCAC email account, the CCAC Academic Calendar (including add/drop/withdrawal deadlines), the Student Handbook, the College's Incident Report form, and many other College services through the MyCCAC portal at  https://my.ccac.edu.

**Course Plan:**

| Class Week/Date | Topics / Learning Activities | Assignments / Homework | Tests, Quizzes, Evaluations |
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| Week 1 1/31 | <ul><li>Course Overview</li><li>Describing the Evolution of the Internet</li><li>Get to know HTML/CSS</li></ul> | <ul><li>Reading 1</li><li>Reading 2</li><li>Choose an IDE</li><li>Reading Guide</li></ul> | Learning Activity 1 |
| Week 2 2/7 | <ul><li>HTML Elements, Pt. 1</li></ul> | <ul><li>Reading 3</li><li>Reading Guide</li></ul> | Learning Activity 2 Learning Activity 3 |
| Week 3 2/14 | <ul><li>Text and Styling of Text</li><li>Creating Absolute and Relative Links</li></ul> | <ul><li>Reading 4</li><li>**Project 1 - Start**</li><li>Reading Guide</li></ul> | Learning Activity 4 |
| Week 4 2/21 | <ul><li>Images and Media on the Web</li><li>Preparing Media for the Web</li></ul> | <ul><li>Reading 5</li><li>Reading Guide</li></ul> | Learning Activity 5 |
| Week 5 2/28 | <ul><li>Stylizing a Web Page</li><li>Review</li></ul> | <ul><li>Reading 6</li><li>Reading Guide</li></ul> | **Project 1 - DUE** |
| Week 6 3/7 | <ul><li>Midterm Exam</li></ul> | | **Midterm Exam Due 3/14 by 11:59 PM** |
| Week 7 3/14 | <ul><li>Introducing CSS Positioning</li></ul> | <ul><li>Reading 7</li></ul> | Learning Activity 6 Learning Activity 7 |
| Week 8 3/28 | <ul><li>CSS Positioning Continued</li></ul> | <ul><li>Reading 8</li><li>**Project 2 - Start**</li></ul> | Learning Activity 8 |
| Week 9 4/4 | <ul><li>Width and Border measurements using CSS</li></ul> | <ul><li>Reading 9</li></ul> | Learning Activity 9 |
| **CCAC SPRING BREAK - APRIL 11 through APRIL 17** | | | |
| Week 10 4/18 | <ul><li>Web Page Layout practices</li><li>Using Flexbox in HTML</li></ul> | <ul><li>Reading 10</li></ul> | **Project 2 - DUE** |
| Week 11 4/25 | <ul><li>Responsive Web Design</li></ul> | <ul><li>Reading 11</li><li>**Project 3 - Start**</li></ul> | Learning Activity 10 |
| Week 12 5/2 | <ul><li>Advanced Web Design</li><li>Next Steps in Web Design and Development</li></ul> | <ul><li>Reading 12</li></ul> | |
| Week 13 5/9 | <ul><li>*Work Week - Final Project*</li></ul> | | **Project 3 - DUE** |
| **Final Due: Monday, May 16 by 6:00pm** | | | |

Course Outline Corrections: During the semester/session, reasonable changes to the course outline may be academically appropriate. Students will be notified of these adjustments by the instructor in a timely manner.