

***Cuyahoga Community College***

*Metropolitan Campus – Spring, 2021*

*Information Technology*

*IT 1150 – Introduction to Web Programming, CRN 13665*

**Faculty Information**

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| **Faculty** | John Ostroske |
| **Office** | MHCS 122i | *A place I will not really be this Spring…* |
| **Phone** | (216) 987-4433 *Not the best way to reach me during Covid-19 restrictions* |
| **Email** | [John.Ostroske@tri-c.edu](mailto:John.Ostroske@tri-c.edu) |
| **WebEx Hours** | |  |  | | --- | --- | | Link: | <https://tri-c.webex.com/meet/S00950186> | | Monday: | 3:00pm – 4:30pm | | Tuesday: | 1:00pm – 4:00pm | | Wednesday: | 3:30pm – 4:30pm | 7:00pm – 8:30pm | | Thursday: | 1:00pm – 4:00pm | |

**Course Information**

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| **Course Title** | IT 1150, Introduction to Web Programming |
| **Class time** | *Online* |
| **Prerequisites** | IT1025: Information Technology Concepts for Programmers |
| **Drop Date** | No Record: February 1st | With a “W” grade: April 9th |
| **Credit Hours** | 3 |
| **Lecture Hours** | *2* |
| **Lab Hours** | 2 |

**Course Catalog Description**

Build Web pages using current technologies including but not limited to HTML, Cascading Style Sheets and JavaScript using an HTML editor. Focus is on developing a foundation in web programming.

**Delivery Mode: Online**  
Course is delivered online. Tests may be online or in a suitable proctored environment. Contact the instructor for details about on-ground testing.

**Required Text and Supplies**

You will not need to purchase any material for this class. Notes and resources will be given as needed.

**Course Outcomes & Objectives**

Upon satisfactory completion of IT 1150 - Introduction to Web Programming, the student should be able to perform the following outcomes and supporting objectives:

**Outcome: A. Publish Web pages and maintain Web pages on a live Web server.**Supporting Objectives:

1. Differentiate the client and server relationship in Web page presentation.
2. Explain the process of maintaining a Web site on a server host

**Outcome: B. Create well-formed valid Web pages using CSS and HTML**

Supporting Objectives:

* 1. Differentiate between releases of HTML and design for consideration of depreciated tags.
  2. Use hypertext links.
  3. Create Web page forms.
  4. Apply color and graphics to Web pages.
  5. Use image maps and describe options for responsive design.

**Outcome: C. Implement page layout techniques supporting responsive design.**

Supporting Objectives:

1. Utilize and differentiate cascading style sheets.
2. Create a multimedia Web page.
3. Use table tags to control page layout and explore impact on responsive design.
4. Utilize CSS to create well-formed Web pages supporting responsive design

**Outcome: D. Create Web pages supporting accessibility guidelines.**

Supporting Objectives:

1. Consider accessibility when designing Web pages and implements appropriate techniques.
2. Validate pages for accessibility and syntax compliance.

**Outcome: E. Describe uses of JavaScript and jQuery in Web pages.**

Supporting Objectives:

1. Utilize JavaScript objects and events in Web pages.

**Attendance Tracking**

Regular class attendance is expected. Tri-C is required by law to verify the enrollment of students who participate in federal Title IV student aid programs and/or who receive educational benefits through other funding sources. Eligibility for federal student financial aid is, in part, based on your enrollment status.

Students who do not attend classes for the entire term are required to withdraw from the course. Additionally, students who withdraw from a course or stop attending class without officially withdrawing may be required to return all or a portion of the financial aid based on the date of last attendance. Students who do not attend the full session are responsible for withdrawing from the course.

Tri-C is responsible for identifying students who have not attended a course, before financial aid funds can be applied to students’ accounts. Therefore, attendance will be recorded in the following ways:

For online courses, students are required to login in at least two (2) times per week and submit one (1) assignment per week for the first two (2) weeks of the semester, or equivalent to the 15th day of the term. Students who have not met all attendance requirements for an online course, as described herein, within the first two weeks of the semester, or equivalent, will be considered not attending and will be reported for non-attendance and dropped from the course.

At the conclusion of the first two weeks of a semester, or equivalent, instructors report any registered students who have “Never Attended” a course. Those students will be administratively withdrawn from that course. However, after the time period in the previous paragraphs, if a student stops attending a class, wants or needs to withdraw, for any reason, it is the student's responsibility to take action to withdraw from the course. Students must complete and submit the appropriate Tri-C form by the established withdrawal deadline.

Tri-C is required to ensure that students receive financial aid only for courses that they attend and complete. Students reported for not attending at least one of their registered courses will have all financial aid funds held until confirmation of attendance in registered courses has been verified. Students who fail to complete at least one course may be required to repay all or a portion of their federal financial aid funds and may be ineligible to receive future federal financial aid awards. Students who withdraw from classes prior to completing more than 60 percent of their enrolled class time may be subject to the required federal refund policy.

If illness or emergency should necessitate a brief absence from class, students should confer with instructors upon their return. Students having problems with class work because of a prolonged absence should confer with the instructor or a counselor. (Revised: July 7, 2016)

Be aware, this class is **very, very cumulative**. If you fall behind due to missing classes, it will be very difficult to catch up!

**Academic Credit**According to the Ohio Department of Higher Education, one (1) semester hour of college credit will be awarded for each lecture hour. Students will be expected to work on out-of-class assignments on a regular basis which, over the length of the course, would normally average two hours of out-of-class study for each hour of formal class activity. For laboratory hours, one (1) credit shall be awarded for a minimum of three laboratory hours in a standard week for which little or no out-of-class study is required since three hours will be in the lab (i.e. Laboratory 03 hours). Whereas, one (1) credit shall be awarded for a minimum of two laboratory hours in a standard week, if supplemented by out-of-class assignments which would normally average one hour of out-of class study preparing for or following up the laboratory experience (i.e. Laboratory 02 hours). Credit is also awarded for other hours such as directed practice, practicum, cooperative work experience, and field experience. The number of hours required to receive credit is listed under Other Hours on the syllabus. The number of credit hours for lecture, lab and other hours are listed at the beginning of the syllabus. **Make sure you can prioritize your time accordingly. Proper planning, prioritization and dedication will enhance your success in this course.**

**Accessibility Statement**

If you need any special course adaptations or accommodations because of a documented disability, please notify your instructor within a reasonable length of time, preferably the first week of the term with formal notice of that need (i.e. an official letter from the ACCESS office). Accommodations will not be made retroactively.

For specific information pertaining to ADA accommodation, please contact your campus ACCESS office or visit online at <http://www.tri-c.edu/accessprograms>. Blackboard accessibility information is available at <http://access.blackboard.com>.

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| **Eastern** | (216) 987-2052 | TDD (216) 987-2230\* | **Westshore** | (216) 987-5079 | TDD (216) 987-5117\* |
| **Metropolitan** | (216) 987-4344 | TDD (216) 987-4048\* | **Brunswick** | (216) 987-5079 | TDD (216) 987-5117\* |
| **Western** | (216) 987-5079 | TDD (216) 987-5117\* | **Off-Site** | (216) 987-5079 | TDD (216) 987-5117\* |

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| EVALUATION | QUANTITY | POINTS EACH | TOTAL POINTS |
| Labs | 6 | 20 | 120 |
| Quizzes | 8 | 10 | 80 |
| TOTAL |  |  | **200** |

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| GRADING | SCALE |
| A | 180 – 200 ☺ |
| B | 160 – 179 |
| C | 140 – 159 😐 |
| D | 120 – 139 |
| F | Under 120 ☹ |

**Methods of Evaluation/Grading Policy**

**Course Schedule**

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| **Content** | | **Assignments** |
| **WEEK 1** | **HTML Basics** |  |
| **WEEK 2** | **More HTML**  **Publishing Webpages** | **Quiz 1** |
| **WEEK 3** | **Working with Colors and Graphics** | **Lab 1** |
| **WEEK 4** | **Tables**  **Forms** | **Quiz 2** |
| **WEEK 5** | **Working with Cascading Style Sheets** | **Lab 2** |
| **WEEK 6** | **JavaScript** | **Quiz 3** |
| **WEEK 7** | **Multimedia in Webpages** | **Lab 3** |
| **WEEK 8** | **Good design practices / semantic tags** | **Quiz 4** |
| **WEEK 9** | **Responsive Design** |  |
| **WEEK 10** | **Advanced CSS and more Accessibility (ADA compliancy)** | **Quiz 5** |
| **WEEK 11** | **Using JavaScript and jQuery** | **Lab 4** |
| **WEEK 12** | **Standards, organizations, HTML Versions** | **Quiz 6** |
| **WEEK 13** | **Understanding Webpage Security** | **Lab 5** |
| **WEEK 14 -**  **WEEK 15** | **Catchup / Review** | **Quiz 7**  **Lab 6** |
| **FINAL** |  | **Quiz 8 / Wrap-up** |

\*\*This schedule is tentative and subject to change at the discretion of the faculty member. All changes will be announced.

**Late Work & Assignments**

Late work and resubmission will be accepted. Remember that this class is VERY cumulative. Do not fall behind.

**Supplemental Help**

If you need additional assistance, feel free to stop by during my office hours. If you are not available during my office hours, send me an email an email and we can arrange a time to meet.

**Technology & Technology Skill Requirements**

You will need basic computer skills and should be comfortable using a word processing program, browsing for files, copying and pasting between programs.   
  
You will need a computer that connects to the Internet. Your student ID number and password are required for access. If you do not own a computer OR if your computer malfunctions during the semester, you will be expected to identify a computer to use. Computers are available at the Public Library and in the Tri-C Technology Learning Centers (TLC) on each campus. Technology problems are not an excuse for missed or late work.

The Office of eLearning and Innovation offers Blackboard Orientation. Visit Tri-C Online Learning at <http://www.tri-c.edu/onlinelearning/Pages/default.aspx> for more information.

**Technical Help**

If you experience a technical problem, you should call the 24/7 Customer Care Technical Support at

216-987-HELP to receive technical phone support in the following areas:

* Blackboard
* Internet Explorer
* Login issues (password resets) for My Tri-C Space
* Microsoft Office (Word, Excel, PowerPoint)
* Navigation of My Tri-C Space
* Tri-C email

Some technical support issues may not be able to be resolved over the phone.  While the Customer Care Technical Support team will work diligently to assist students, it is possible that personal computer problems may require the student to contact outside technical support for assistance.

There are computers available for student use at each Campus Technology Learning Center (TLC) and your local public library. These resources should be used to keep up with your coursework while you work to resolve a computer problem.

**Incompletes/Grading System**(*From the College Catalog found on My Tri-C Space > My Info tab > under Registration Information*)

Instructors determine grades, subject to the College’s policies and procedures. A notation of “I” indicates that a student has not completed all course requirements as a result of circumstances **judged by the instructor** to be beyond the student’s control. Failure to complete such requirements no later than the end of the fifth full week of the next semester will result in an “F” (Failing) grade.

**Pass/No Pass Statement**

(*From the College Catalog found on My Tri-C Space > My Info tab > under Registration Information*)

An alternative to a letter grade called Pass/No Pass grade options allows students who want to explore a discipline and/or course to register without the penalty of a grade impacting their grade point average.

A student can elect up to 12 credits taken Pass/No Pass to fulfill degree requirements at Cuyahoga Community College. Whereas, audited courses do not count, students may select up to 12 credits of Pass/No Pass that may transfer to another college or university as electives.

Some restricted/selective admission program courses require traditional letter grades for their core requirements. Students are responsible for consulting with their program manager or counselor to determine Pass/No Pass grading options. Once you have registered for a course and select the Pass/No Pass grade options you cannot convert back to a traditional grade option nor can you change a traditional letter grade to a P/NP option for a particular course after the 100% refund period.

International students and Post-Secondary Enrollment Options program students are not eligible to utilize the Pass/No Pass option. Courses taken Pass/No Pass count toward financial aid enrollment requirements.

**Withdrawal Statement**

(*From the College Catalog found on My Tri-C Space > My Info tab > under Registration Information*)

Regular class attendance is expected. Tri-C is required by law to verify the enrollment of students who participate in Federal Title IV student aid programs and/or who receive educational benefits through other funding sources. Tri-C is responsible for identifying students who have not attended or logged into a class for which they are registered. At the conclusion of the first two weeks of a semester, instructors may report any registered students who have "Never Attended" a class so that those reported students will be administratively withdrawn from that class. However, it is the student's responsibility to withdraw, using the appropriate Tri-C form, from any class which she/he is no longer attending or risk receiving a failing grade in that class. Student's wishing to withdraw must complete and submit the appropriate Tri-C form by the established withdrawal deadline.

**Grade Reporting**

Final grade for this course will be submitted on Tuesday, December 19th, and will be made available to you approximately two days later.

**Student Conduct and Academic Honor Code**

Any student found to have committed or to have attempted to commit any act of dishonesty, including cheating, plagiarism, or other forms of academic dishonesty, is subject to the disciplinary sanctions outlined in the Student Judicial System.

Refer to the [Student Conduct Code 3354:1-30-03.5](https://www.tri-c.edu/titleix/documents/student-conduct-code.pdf) and [Student Judicial System 3354:1-30-03.6](https://www.tri-c.edu/policies-and-procedures/documents/student-judicial-system.pdf) for more information about violations and College disciplinary procedures. The Student Conduct and Academic Honor code can be accessed via My Tri-C Space on the Student Services tab. The policies are located in the College Guidelines channel located near the bottom of the page.

* Penalties for Academic Dishonesty are defined in the [Student Judicial System 3354:1-30-03.6](https://www.tri-c.edu/policies-and-procedures/documents/student-judicial-system.pdf) - *(D) Sanctions*.
* Plagiarism as Academic Dishonesty is defined in **Tri-C Student Handbook** via My Tri-C Space on the *Student Services* tab under *College Guidelines*.

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| **See How Close You Are to Graduation Using DegreeWorks**  Program Completion Audit Systems at Tri-C:  DegreeWorks  DegreeWorks compares academic program requirements against a student’s academic history.  The resulting report lists courses taken that apply toward graduation, courses yet to be taken, and courses that do not apply to the program major.  The ability of students, counselors, faculty, and program managers to obtain this information is part of an effective academic advising program. | |

**Campus Security and Student Safety**

Campus Police and Security Services are dedicated to protecting life and property, while detecting and preventing crime. The department includes police officers, detective bureau, K-9 patrol, security officers, dispatchers, administrative staff, and student patrols.    
<https://www.tri-c.edu/administrative-departments/campus-police/index.html>

When on campus always take note of the two nearest exits and emergency signs in all classrooms. If there is an emergency please call 216-987-4911 (instead 911) to assist outside emergency vehicles to be directed to the needed area on campus by the campus police.

**FOR ASSISTANCE OR TO REPORT A CRIME CALL:**    
Non-emergencies: 216-987-4325   
Emergencies: 216-987-4911

If there is an emergency alarm informing all to evacuate or a fire alarm, immediately take your personal belongings with you. Do not reenter the building until notified by emergency personnel. If there is an alarm for seeking shelter due to inclement weather, go to the lowest level and stay away from windows. Follow the directions of the announcements. A “Lock Down” announcement will require all campus members to stay in the building and not to evacuate/leave.

**CONCEALED CARRY STATEMENT**

College policy prohibits the possession of weapons in the classroom by students, faculty and staff, unless specifically approved in advance as a job-related requirement (i.e., Tri-C campus police officers). This policy applies to all students, faculty and staff without regard to any concealed handgun license or permit an individual may possess.

As a Tri-C student, your behavior on campus must comply with the student code of conduct which is available within the Tri-C student handbook, available athttp://www.tri-c.edu/handbook. You must also comply with the College’s Zero Tolerance for Violence on College Property Policy available athttp://www.tri-c.edu/policies-and-procedures/documents/3354-1-20-10-zero-tolerance-for-violence-policy.pdf

**Coronavirus/COVID-19 Statement**

* Students are responsible for adhering to all College health and safety guidance, including that which relates to the COVID-19 pandemic.
* Public health requirements and standards are changing rapidly, and the College is adapting its guidance accordingly. Please check your Tri-C email and visit tri-c.edu/coronavirus regularly for updates.
* All students must adhere to the following general guidelines, until further notice:
* Remain at home if you are ill or experiencing symptoms of illness. Do not attend any in-person class or gathering.
* Notify your instructor(s) if you are ill, have tested positive for COVID-19, or were exposed to an individual who has tested positive for COVID-19 and they will report the information to the Tri-C Compliance & Risk Management team and you may be contacted for follow-up information.
* Wear a mask or face covering at all times, including, but not limited to: upon entering and exiting any Tri-C facility, in class, and in all common areas.
* Maintain a distance of at least six feet between yourself and others at all times and if you must pass near an individual do it quickly and do not linger.
* Provide the College with relevant information about your current health status and participate in any required on-site checks (e.g., temperature checks, current contact information, symptom profile, etc.).
* Use only designated areas of Tri-C facilities, including entrances and exits. Sign in and out of Tri-C facilities as directed.

*The general guidelines listed above do not encompass all coronavirus-related guidance. These guidelines are subject to change at the discretion of the College and under the direction of public health authorities. Students who fail to adhere to this guidance may be subject to disciplinary action under the College’s Student Code of Conduct and the Student Judicial Code.*

**Recycling on Campus**

Please use the recycling bins located on campus to dispose of your cans, bottles, and paper.  Do not place trash or non-recyclable materials into the recycling bins.  Be a part of this important effort to conserve resources and reduce pollution.

**Course Correspondence**

If I have important information to share with you, more likely than not I will do so with your Tri-C email. It is very important that you regularly check your Tri-C email.

**Netiquette – Policy on Online Communications**

**etiquette** *n.* forms of proper or polite behavior in society; good manners      
**net** *n.* an abbreviation for internet            
**netiquette** *n.* proper or polite behavior on the internet

Communication is very important a course. To maintain a positive online environment, each of us is expected to follow these netiquette guidelines.   Be advised that rules for student conduct apply in the online environment. Any use of electronic communication on Tri-C’s network, which includes Blackboard, Tri-C email, etc. for flaming or other kinds of harassment may be treated as a student conduct violation in the [Student Handbook](https://portal.tri-c.edu/studenthandbook/StudentHandbook.pdf) (accessible via [My Tri-C Space](http://my.tri-c.edu/) on the Student Services tab).

* Show respect for the instructor, other students, and for the privacy of those in the online environment.  Nothing threatening is ever appropriate.
* Express differences of opinion in a polite and rational way, maintaining a supportive academic environment.
* Stay focused by avoiding irrelevant topics in discussion or collaborative activities.
* Use proper capitalization and punctuation rules.  Use of all uppercase in a message is the equivalent of shouting and is considered offensive. *(Adapted from Barrington 220 Community Unit School Netiquette Policy)*

**Testing Statement**

Most of your grade for this class will be based on projects and practice assignments. There will be a few quizzes. Those quizzes will be available through Blackboard and can be done on your own time. You will have two attempts for all quizzes.

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