

# Saint Paul Consortium

## Articulated College Credit (ACC) Agreement

[www.CTEcreditMn.com](http://www.CTEcreditMn.com)

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**Agreement Name:** Web Fundamentals/HTML

**Agreement Last Reviewed:** 2017

**Next Review Date:** 2019

College	Course Name	Course Prefix	Course Number	Course Credits
Saint Paul College	Web Fundamentals	CSCI	1450	4

This course provides students with a thorough grounding in the World Wide Web, a fundamental knowledge of HTML and a basic understanding of Internet technical architectures. Students learn about search engines, Web servers, scripting, protocols, ISPs, and other Internet technologies. Technical architecture topics include the study of networks, Internet protocols, Internet servers, firewalls, security and general issues in conducting e-commerce. Students will design and program HTML Web pages, tutorials, and publish a Web site project.

### **Curriculum Content Objectives:**

To receive credit, students will master 100% of the following content objectives:

1. Summarize the history of the web and its impact on technologies.
2. Explain fundamental Internet protocols and architectures.
3. Classify software resources and install downloadable software.
4. Classify online threats and security mechanisms.
5. Summarize the role and impact of search engines.
6. Contrast forms of Internet communication and social networking.
7. Compose static web pages.
8. Create hyperlinks between documents and external web resources.
9. Embed images in web pages and assign colors to web elements.
10. Create tables within web pages to display data.
11. Embed multimedia from other sources.
12. Create web forms for accepting data input.
13. Change the appearance of html elements using css styles.
14. Incorporate JavaScript examples using common frameworks.
15. Investigate server side programming in web development.
16. Publish a website project using effective layouts and design.

### **Assessments:**

Students must achieve no less than 80% or B for a final grade in the high school course to receive ACC.

### **ACC Concept:**

Skills for selected courses, required for graduation in programs at the colleges participating in this regional agreement are taught in our schools using the assessments developed collaboratively by secondary and post-secondary staff. High School credit is earned and college credits are earned if the student meets the college achievement.