

# Minnesota

## Articulated College Credit (ACC) Agreement

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

### Articulated College Credit Agreement

Through Articulated College Credit (ACC), specific college curriculum learning outcomes and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school course. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.

**Agreement Name:** Web Design & Development (HTML)  
**Agreement Reviewed/Revised:** 2023-24

**These credits are valid for students in grades 9-12 for 5 years from the completion of this course.**

Colleges	College Courses	College Programs	Articulated College Credit
Hennepin Technical College	MGDP 1250 – Web Design& Development I	*Graphic Design: Web Design (A.A.S.- 69 cr.; Diploma – 64 cr.); *Graphic Design: Production (Diploma – 54 cr.); *Basic Web Technologies (Occ. Cert. 30 cr.) *Interactive Designer (A.A.S. – 64 cr.; Diploma – 58 cr.)	3 credits of 3 total credits
Century College	WEBD 1121 – Web Design with HTML 5 & CSS 3	*Visual Communications Careers -Web Design (A.A.S. – 60 cr.)	3 of 3 cr.
Dunwoody Institute of Technology	GDRP 2201 – Interface Studio	*Graphic Design & Production (A.A.S. Degree)	1 lecture credit (16 hours)
MN State Community & Technical College (M State)	WEBD 1010 HTML	<a href="https://www.minnesota.edu/programs-and-degrees">https://www.minnesota.edu/programs-and-degrees</a>	3 credits of 3 total credits

### **Special Note – Articulated College Credit with Dunwoody College:**

Upon enrollment at Dunwoody College, ACC students, who earn the articulated college credit in this agreement, will receive a tuition discount equal to 1 lecture credit that can be applied toward the new 3-credit course, GRDP2201 Interface Studio.

### **Course Description**

This course will introduce students to the basics of latest version of the HTML (hypertext markup language) and CSS (Cascading Style Sheets) while preparing them for more advanced studies. Students will learn HTML and CSS from the ground up, beginning with solid industry standard concepts. Instruction will stress designing for backward and forward compatibility, usability, and accessibility. Topics include asset management, image optimization, web hosting, site planning, and the various tools web designers use to produce effective websites that meet industry demands. Students will plan, design and develop a basic web site utilizing HTML and CSS according to W3C (World Wide Web Consortium) standards.

### **Course Learning Outcomes**

80% of the curriculum learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s). The following outcomes will be addressed in the course:

1. Apply the basics of HTML markup.
2. Apply text formatting through markup and styles.
3. Construct pages using semantic markup.
4. Use color for design schemes.
5. Utilize images integrated with coding techniques for use in a web site.
6. Demonstrate linking pathways.
7. Compare ordered/unordered lists.
8. Construct tables for tabular data.
9. Utilize Cascading Style Sheets.
10. Verify HTML code using a validator.
11. Determine usability for web site design.
12. Construct web site.

### **Assessments:**

Students must achieve an **80% or better** in the high school course to be eligible for articulated college credits. A final portfolio project must also be completed.

Instruction: 64 - 72 hours class time (lecture/lab) plus outside work time for college credit at Hennepin Technical College and Century College.

Suggested Projects: Visual digital portfolio; website; & collection of Illustrator projects

### **Recommended Industry-Recognized Certification Or Comprehensive Assessments – College & High School**

<b>Comprehensive Assessments</b>	<b>Vendor</b>	<b>Other Information</b>
Business Web Page Design (254E)	Precision Exams	<a href="http://www.precisionexams.com">www.precisionexams.com</a>
Web Development I (893)	Precision Exams	<a href="http://www.precisionexams.com">www.precisionexams.com</a>

### **Recommended Comprehensive Assessments – High School**

<b>Comprehensive Assessments</b>	<b>Vendor</b>	<b>Other Information</b>
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Computer Science Principles	Project Lead the Way	<a href="http://www.pltw.org">www.pltw.org</a>
Computer Science Principles	AP	<a href="http://www.apstudent.collegeboard.org">www.apstudent.collegeboard.org</a>