

WEB DEVELOPMENT (AAT) (PLAN CODE: WMMWDAPT)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Gain foundational skills in web coding, multimedia, and web design practices that provide a well-rounded set of skills necessary for web developers to thrive in today's market.

Code	Title	Credits/ Units
General Education Requirements		
<i>Communication Skills</i>		
ENGL& 101	English Composition I	5
or PTWR 135	Introduction to Applied Technical Writing	
<i>Computational Skills</i>		
PTCS 110	Professional Technical Computational Skills (or completed MATH course with 'C' or better where prerequisite requirements are MATH 096 or higher)	5
<i>Human Relations</i>		
CTEC 165	Business Web Practices	4
COLL 101	College Essentials: Introduction to Clark	2
Major Area Requirements		
CTEC 121	Intro to Programming & Problem Solving	5
CTEC 117	User Experience Design	4
CTEC 122	HTML Fundamentals	4
CTEC 126	JavaScript	5
CTEC 127	PHP With SQL I	5
CTEC 134	Microsoft Database Admin	5
CTEC 145	Web Server Technology	5
CTEC 160	WordPress I	5
CTEC 166	Web Content and Social Media	5
CTEC 227	PHP With SQL II	5
CTEC 275	Emerging Technologies	5
or CTEC 135	Microsoft Software Development With C#	
CTEC 270	Web and Interface Design I	4
CTEC 271	Web and Interface Design II	4
CTEC 293	Web Skills Portfolio	5
DMA 101	Photoshop Raster Graphics	4
DMA 201	Video and Sound Production I	4
Total Credits/Units		90

Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- Web Foundations: Write, organize and publish well written content and code to engage web communities for personal and professional research, marketing, and interaction.
- Web Media: Create original visual graphics, audio, and integrated media design for the web.
- Web Design: Develop interactive websites from concept to design to execution with that provide an effective user experience and meet client needs.
- Web Development: Plan and execute industry standard code, web scripting, and server strategies to capture, integrate and manage data.
- Professional Practices: Demonstrate professional skills and business ethics to communicate and collaborate in various work environments.
- Articulate well-considered ideas and written claims to an academic audience, using effective rhetorical techniques, properly credited evidence, and a command of Standard English. (GE)
- Demonstrate interpersonal/human relations skills. (GE)
- Demonstrate and clearly explain an effective strategy to solve a quantitative problem. (GE)

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan. To view the current suggested map for your program please visit our website <https://programmap.clark.edu/academics> ([https://](https://programmap.clark.edu/academics/)programmap.clark.edu/academics/)