

# ASSOCIATE OF APPLIED SCIENCE IN WEB AND DIGITAL DESIGN

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Web and Digital Design combines the study of web design, Internet technologies, digital animation, graphics, and computer programming with written and oral communication skills, graphic arts, and business knowledge to prepare students for careers in information technology, entrepreneurial opportunities, or transfer to a bachelor's degree. Students who complete the required coursework earn the Associate of Applied Science degree.

The program of study includes two primary areas. The primary focus is on information technologies. Students use industry standard software to develop digital media applications such as games and simulations, digital animations, electronic publications, and dynamic web sites. Students also learn fundamental programming used in digital media such as JavaScript, PHP, and ActionScript.

Second, students study writing, statistics, public speaking, and art to foster skills vital for career or continued educational advancement. Students learn to express critical ideas both written and verbally in a logical and concise manner so their creativity can effectively contribute to their further success. Finally, students choose from a variety of electives based upon their interests and desired goals.

COURSE	TITLE	S.H.
<b>FIRST YEAR STUDENT EXPERIENCE</b>		
YSU 1500	Success Seminar	1-2
or YSU 1500S	Youngstown State University Success Seminar	
or HONR 1500	Intro to Honors	
<b>General Education Courses</b>		
ENGL 1550	Writing 1	3-4
or ENGL 1549	Writing 1 with Support	
ENGL 1551	Writing 2	3
CMST 1545	Communication Foundations	3
PSYC 1560	General Psychology	3
MATH 2623	Quantitative Reasoning	3-5
or MATH 2623C	Quantitative Reasoning with Co-Requisite Support	
PHIL 2625	Introduction to Professional Ethics	3
<b>Major Specific Courses</b>		
CSIS 1590	Foundations of Information Systems & Technologies	3
CSIS 1595	Fundamentals of Programming and Problem-Solving 1	2
CSIS 1595L	Fundamentals of Programming and Problem-Solving 1 Lab	1
CSIS 1570	Web Systems and Technologies	3
INFO 3774	Digital Image Processing	4
INFO 3775	Digital Multimedia Design & Creation	4
INFO 3776	Client-Side Scripting Techniques	4
INFO 3777	Digital Audio & Video Production	4
CSIS 3737	Game Programming	3
ART 1501	Fundamentals of 2D Design	3
ART 1521	Foundation Drawing	3
ART 2661	Print Design 1	3
ART 2674	Introduction to Photography	3
ART 3798	Transmedia Art and Visual Storytelling	3
<b>Total Semester Hours</b>		<b>62-66</b>