ASSOCIATE OF APPLIED SCIENCE IN WEB AND DIGITAL DESIGN

Web and Digital Design combines the study of web design, internet technologies, digital animation, graphics, and computer programming/scripting with written and oral communication skills, graphic arts, and business knowledge. This comprehensive approach prepares students for careers in information technology, entrepreneurial opportunities, or transfer to a bachelor's degree. Students who complete the required coursework earn an 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 simulations, digital animations, multimedia (audio, video, graphics), electronic publications, and dynamic websites. Students also learn fundamental programming used in web development, such as JavaScript and its essential libraries and frameworks.

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

COURSE	TITLE	S.H.
FIRST YEAR STUDENT EXPERIENCE		
YSU 1500	Success Seminar	1-2
or YSU 1500S	Youngstown State University Success Seminar	
or HONR 1500	Intro to Honors	
General Education Courses		
ENGL 1550	Writing 1	3-4
or ENGL 1549	Writing 1 with Support	
ENGL 1551	Writing 2	3
Gen Ed Math		
MATH 1510	College Algebra	4-6
or MATH 1510C	College Algebra with Co-requisite Support	
Two courses from 2 different Gen Ed Domains		
PSYC 1560	General Psychology	3
PHIL 2625	Introduction to Professional Ethics	3
Major Specific Courses		
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
CSIS 3737	Game Programming	3
INFO 3775	Digital Multimedia Design & Creation	4
INFO 3776	Client-Side Scripting Techniques	4
INFO 3777	Digital Audio & Video Production	4
DSGN 1532	Design + Raster Images	3
DSGN 2660	Design + Applications	3
DSGN 2662	Design + Typography 1	3
DSGN 2656	Design + Photography 1	3
DSGN 2669	Design + UX/UI History and Theory	3
DSGN 3769	Design + UX/UI 1	3
Free Elective	Any course to meet the 60 total hours	1
Total Semester Hours		**60-64**