



Information Technology

Web and Digital Media



Course Overview: Encompass entry level, technical, and professional careers related to the design, development and support of hardware, software, multimedia, and systems integration services.

Career Goal (O*NET Code): Web Developer (15-1099), Webmaster (15-1099), Web Administrators (15-1099), Web Programmer (15-1021).

Student's Name: _____ **Date:** _____
School: Mabank High School **Grade:** 9th 10th 11th 12th AR
Primary Endorsement: Business & Industry **Additional Endorsements:** Arts & Humanities Multidisciplinary
 Public Service STEM
Parent's Signature: _____ **Student's Signature:** _____

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Algebra I Art I Health	Spanish I Touch Systems Data Entry
	9th	Core Courses:	English I Algebra I or Geometry Biology	World Geography Languages other than English I Physical Education
		Career-Related Electives:	Business Information Systems I	
High School	10th	Core Courses:	English II Geometry or Alg II IPC or Chemistry	World History Languages other than English II
		Career-Related Electives:	Digital Media	
11th	Core Courses:	English III Algebra II, Math Models or Pre-Cal Physics	United States History Languages other than English III	
	Career-Related Electives:	Web Technologies		
12th	Core Courses:	English IV Alg II, Pre-Calculus, AP Calculus, AP Statistics or Math Elective Science Elective	Government/Economics Fine Arts Languages other than English IV	
	Career-Related Electives:	Practicum in Information Technology or Dual Credit ITSC 1325, 1305 and 1391 for A+ Certification Dual Credit ITNW 1358, 1325 & 1392 for Network+ Certification		

Curricular Experiences:
[Business Professionals of America](#)
[Future Business Leaders of America](#)
[SkillsUSA](#)

Career Learning Experiences:
 Apprenticeship
 Career Preparation
 Internship
 Job Shadowing

Extracurricular Experiences:
 Computer Tutor
 Language Immersion Programs
 Literary Magazine
 School Newspaper
 Student Government
 UIL Academic Competitions
 Yearbook

Service Learning Experiences:
 Boy Scouts of America
 Campus Service Organizations
 Community Service Volunteer
 Girl Scouts of the USA
 Peer Mentoring / Peer Tutoring

COLLEGE CREDIT OPPORTUNITIES -- High School

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses (Tech Prep), if possible. List those courses that count for college credit on your campus.

On-the-Job Training	Web Page Designer	Media Aide
	NOTE: These experiences may be started and/or completed as part of the high school experience.	
Certificates	A+ Adobe Expert	Internet and Computing Core Internet Webmaster Associate Network+ OSHA CareerSafe MTA
	NOTE: Certificates and licensure may be earned while in high school and may lead to a Performance Acknowledgement.	
Associate Degrees	Computer Animation Communication Technologies	Film/Video & Photographic Arts Media Technology Radio and TV Broadcasting Web Design/Development
	Communications Communication Broadcasting Communications - Corporate	Computer Science Mass Communications - Electronic Media Radio, Television and Film Telecommunications Professional Writing
Bachelor Degrees	Business Broadcasting Film and Television Production	Network Communications Technology Project Management Telecommunications Theater Management

Career Options:
 Applications Specialist
 Document Specialist
 Visual Information Operator
 Motion Media Crew Assistant
 Video Documenter
 Medical News Producer
 Film and Video Editor
 Web Content Editor
 Technical Director
 Media Producer
 Radio/TV Engineer

Professional Associations:
[Association of Graphic Solutions Providers](#)
[Broadcast Education Association](#)
[IEEE Computer Society](#)
[International Publishing Management Association](#)
[International Radio and Television Society](#)
[Junior Chamber of Commerce](#)
[Society of Broadcast Engineers, Inc.](#)
[Xplor International](#)

This program of study (POS) serves as a guide, along with other college and career planning materials, for pursuing college and career goals. POS developed 2017. A Business & Industry endorsement as defined in 19 TAC 74.13(f)(2)(A) requires a coherent sequence of courses for four or more credits in career and technical education (CTE) that consists of at least two courses in the least one advanced CTE same career cluster, including at course, which includes any course that is the third or higher course in a sequence. The final courses in the sequence must be obtained from one of the Information Technology career cluster.