



# Information Technology Career Cluster



<b>Program of Study: <i>Interactive Media</i></b> - Careers involve creating, designing, & producing interactive multimedia products & services, as well as the development of digitally-generated or computer enhanced media. Careers include, but not limited to: Digital Media Specialist, Graphic Artist, Multimedia Producer, Virtual Reality Specialist, Web Designer.						
Required Courses	Subject	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	<u>Academy of Information Technology (AOIT) courses include:</u> Intro Info Tech, Intro Programming Logic, Digital Media, System Support & Maintenance, Database Concepts, Database Programming. These programs are offered at Northwest and South High Schools
	English (8 credits)	English 1-2	English 3-4	English 5-6	English 7-8	
	Math (6 credits)	Algebra 1-2 or Geometry 1-2	Geometry 1-2 or Algebra 3-4	Algebra 3-4 or Pre- Calculus or Trigonometry	Pre- Calculus or A P Calculus	
	Science (6 credits)	Biology 1-2	Chemistry 1-2	Physics 1-2		
	Social Studies (7 credits)	US History 1-2	Geography and Economics	Modern World History 1-2	American Government	
	Other Required Courses	PE/ROTC International Language Academic, Career Technical	PE/ROTC Human Growth International Language			
Electives	Suggested Courses of Study	AOIT (yr 1)* HTML/Web Design	Desktop Publishing AOIT (yr 2) * Web Design 3-4	Multimedia AOIT (yr 3)*	Com.Design1-4~~ AOIT (yr 4)*	
	Additional Electives	Keyboarding/WP Art	Comp Grap Design JAVA 1-2(exc.**,+) Computer Info Mgt	Art of Filmmaking+++~ Marketing 1-2	Marketing 3-4 Bus/Mktg Intern. Yearbook	
School to Career	School Related Activities	FBLA, DECA, Technology clubs, Dual enrollment courses, Community volunteer opportunities involving technology (i.e. designing websites or computer maintenance for community organizations, Job shadowing, Internship opportunities, school yearbook and/or newspaper staff.				

\*Academy Program  
 \*\*Benson  
 ~~Career Center

^Bryan  
 ^^Burke

+Central  
 ++North

~South  
 +++Northwest