

Career Pathway* for Information Technology: Internet and e-Business

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Core 40 Courses	Core 40 Courses	Core 40 Courses	Core 40 Courses
English 9 Algebra I Biology Physical Education Health / Computer ***	English 10 Geometry Chemistry or Physics World History Career Academic Sequence (chosen from below)	English 11 Algebra II Additional Science US History Career Academic Sequence (chosen from below)	English 12 Govt /Econ Career Academic Sequence (chosen from below)
Core 40 with Academic Honors	Core 40 with Academic Honors	Core 40 with Academic Honors	Core 40 with Academic Honors
World Language I	World Language II	World Language III	Additional Math Additional Science Fine Arts ****
Electives Chosen From Below	Electives Chosen From Below	Electives Chosen From Below	Electives Chosen From Below

RECOMMENDED COURSES FOR THE "CAREER ACADEMIC SEQUENCE" AND ELECTIVES

Highly Recommended One-Credit Courses	Highly Recommended Multi-Credit Career/Technical Courses	Other Recommended Courses and Experiences
Computer Applications, Advanced** Desktop Publishing** Marketing Foundations** Information Technology Academy courses** (4 credits over 2 years) Take one of the following based on career interest in Internet and e-Business. IT: Interactive Media IT: Network Systems IT: Information Support and Services IT: Programming & Software Development <i>Computer Applications and Digital Communication Tools OR the Business Middle School standards are prerequisites for the IT: Internet and e-Business Career Pathway</i>	Business Cooperative Experiences** OR Professional Career Internship**	<i>Business Education</i> <ul style="list-style-type: none"> • Personal Finance • Marketing • Business Management • Entrepreneurship • Technical Business Communication <i>Fine Arts</i> <ul style="list-style-type: none"> • Media Arts • Computer Graphics • Visual Communication <i>Technology Education</i> <ul style="list-style-type: none"> • Communication Systems • Communication Processes

* Schools may choose to recommend that courses be taken in different years than indicated in this career pathway.

** Strongly recommended course for this career pathway

*** The computer course is required for students working toward the Indiana Minimum Diploma but is expected for All BMIT Pathways.

**** The fourth year of world language may be taken as an elective

Occupations Related to this Pathway	Level of Education Required						
	High School	On-the-Job Training	Apprenticesh ip Program	Proprietary School (Postsecond ary Career School)	Community College	4-yr College	Advanced College Degree
Internet Application Developer		X		X	x		
Internet Database Specialist		X		X	X		
Internet e-Commerce Specialist		X		X	X		
Internet Network Specialist		X		X	X		
Internet Security Specialist		X				X	
Internet Site Designer		X		X	X		
Internet Systems Administrator		X		X	X		
Internet Project Manager		X				X	