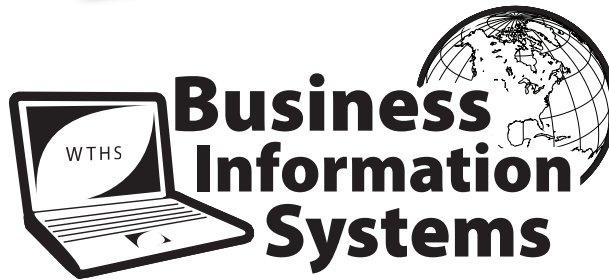




Business Information Systems

- ✓ *Web Development*
(HTML, CSS, JavaScript)
- ✓ *Programming*
(Python, Java, ActionScript)
- ✓ *Database Administration*
(RDBMS, SQL, PHP)
- ✓ *AP Computer Science*
- ✓ *Project Management*
- ✓ *Business Application Support*
- ✓ *Help Desk Support*



Business Information Systems Department
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The goal of this program is to educate and prepare students for employment and further training in the areas of business technology, computer operations, web development, computer programming and database administration.

From BLS.gov: Computer network, systems, and database administrators should continue to enjoy excellent job prospects. In general, applicants with a college degree and certification will have the best opportunities. However, for some of these occupations.



The Business Information Systems department of Worcester Technical High School is a Chapter 74 approved program designed to educate and prepare students for employment and further training in the areas of business technology, computer operations, web development, computer programming and database administration.

The department strives to provide its students with the employment skills and training to meet the challenges of a global economy and society. On-going efforts endeavor to keep current with industry trends relevant to equipment and practices in the area of business information systems.

Students are encouraged to work to their full potential and to develop not only the professional skills essential for successful employment, but also the work habits and personal traits necessary for a prosperous and enjoyable work experience.

Occupational Title	2008	2018	Growth	
			Number	Percent
Computer network, systems, and database administrators	961,200	1,247,800	286,600	30
Database administrators	120,400	144,700	24,400	20
Network and computer systems administrators	339,500	418,400	78,900	23
Network systems and data communications analysts	292,000	447,800	155,800	53
Computer software engineers, applications	514,800	689,900	175,100	34
Computer software engineers, systems software	394,800	515,000	120,200	30
All other computer specialists	209,300	236,800	27,500	13

Occupational Title	Median Wage
Management of companies and enterprises	\$70,680
Computer systems design and related services	70,490
Wired telecommunications carriers	66,950
Colleges, universities, and professional schools	57,380
Elementary and secondary schools	56,320
Wired telecommunications carriers	75,930
Insurance carriers	74,910
Management of companies and enterprises	73,720
Computer systems design and related services	72,410
Local government	64,230

US Bureau of Labor Statistics predicts above average growth in the field of computer network, systems, and database administrators