



The Information Technology Support and Services program of study explores the occupations and educational opportunities associated with administering, testing, and implementing computer databases and applying knowledge of database management systems. This program of study may also include analyzing user requirements and problems to automate or improve existing systems and review computer system capabilities. This program of study may also include exploration into the research, design, or testing of computer or computer-related equipment for commercial, industrial, military, or scientific use.

Grade	Required CTE Courses
9	(3891) Principles of Information Technology <i>SEM: 2 CR: 1</i>
10	(3896) Computer Maintenance <i>SEM: 2 CR: 1</i>
11	(3897) Computer Technician Practicum <i>SEM: 2 CR: 2</i>
12	(3989) Computer Technician Practicum (2nd Time Taken) OR (3848) Career Preparation I <i>SEM: 2 CR: 2</i>

Certificates and Degrees Available		
High School	Microsoft Technology Associate Windows Operating System Fundamentals*	
Certificate/License	IBM Certified Specialist - InfoSphere Optim for Distributed Systems Fundamentals	IBM Certified Database Associate - DB2 11 Fundamentals for z/OS
	HP ASE - ProLiant Server Solutions Integrator V2	Oracle Linux 6 Advanced System Administration
Associate's Degree	Computer and Information Sciences, General	Computer and Information Systems Security/Information Assurance
	Information Technology	Computer Systems Networking and Telecommunications
Bachelor's Degree	Computer and Information Sciences, General	Computer and Information Systems Security/Information Assurance
	Computer Engineering, General	Computer Systems Networking and Telecommunications
Master's/ Doctoral Professional Degree	Computer Systems Networking and Telecommunications	Computer Systems Analysis/ Analyst
	Computer Engineering, General	Information Technology

* Microsoft Technology Associate Windows Operating System Fundamentals certification is available to students in 11th or 12th grade. All other certificates and/or degrees are available to students upon graduation from high school.

Career Outlook			
Occupations	Median Wage	Annual Openings	% Growth
Database Administrator	\$83,075	1,063	19%
Computer Hardware Engineer	\$111,738	343	24%
Computer System Analyst and Support	\$87,568	5,937	29%