



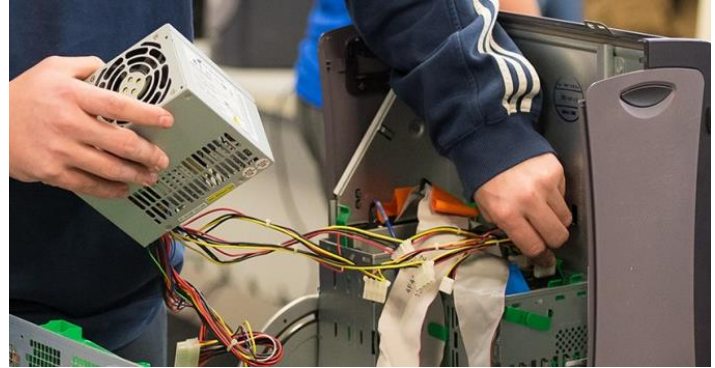
INFORMATION TECHNOLOGY

WHITEWATER CAREER CENTER



OVERVIEW

Information Technology is a hands-on career program. Students apply what they learn by working on projects. If you're committed to learning and adapting to new technological advancements and want to be part of the fast-growing computer industry, this is the program for you.



YOU WILL LEARN

- Hardware and software components
- How to perform computer troubleshooting and maintenance
- Network administration and design
- How to program and document equipment specifications



A TYPICAL STUDENT

The typical Information Technology student is a solid academic student who likes computers and plans to go on to college or additional training after high school. Students who enroll in Information Technology plan to pursue a career in a computer-related field, including programming, engineering, networking, support, and more. Successful students have the patience and attention to detail to solve problems using the skills they have learned. They can work on projects independently or with other students. They understand time management as it relates to customer service and can stay on task without constant supervision. Students entering this program are expected to have computer knowledge.



GET YOURSELF READY

To be prepared, focus on math and computer classes. Develop your spoken communication skills, and do well in all academic classes. Employment in the computer field and admission into college programs can be competitive. The following courses will help prepare you for the Information Technology program, college, and a career in the computer technology field:

- Advanced math courses
- Computer courses
- Business courses
- Technology courses





POTENTIAL CAREERS

- Computer, ATM, & Office Machine Repairer \$38,450
- Computer Support Specialist \$50,380
- Computer Programmer \$77,550
- Database Administrator \$80,280
- Information Security Analyst \$88,890
- Software Developer \$97,990
- Web Developer \$63,490
- Electrical & Electronics Engineer \$93,260

All career and salary information is cited from the Bureau of Labor Statistics.



YEAR ONE

Information Technology I allows students to explore how computers work. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems.

Industry Credentials

A+ Certification

Vincennes Dual College Credits

CMET 140	Computer Maintenance I	3 credits
CMET 185	Computer Maintenance II	3 credits



YEAR TWO

Information Technology II introduces students to concepts of local and wide area networks, home networking, networking standards using the IEEE/OSI Model, network protocols, transmission media, and network architecture/topologies. Security and data integrity will be introduced and emphasized throughout the year. Students will learn critical skills needed to successfully move into a role as an IT professional supporting networked computers. Concepts covered will include TCP/IP client administration, planning a network topology, configuring the TCP/IP protocol, managing network clients, configuring routers and hubs, and creating wireless LANs.

Industry Certifications

Network+ Certification

Microsoft Technology Associate (MTA)

Ivy Tech Dual College Credits

INFM 109	Informatics Fundamentals	3 credits
ITSP 135	Hardware/Software Support	4 credits
NETI 105	Networking Fundamentals	3 credits



WHEN YOU FINISH

Upon completing the program, students continue their education at the postsecondary level in both 2 and 4-year degree programs and enter employment in local computer technology and support businesses.



WHITewater CAREER CENTER

Where opportunities flow

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