

# INFORMATION TECHNOLOGY Youth Apprenticeship

## More Information



The Information Technology (IT) Department or Company becomes an extension of the classroom for the youth apprentice. The employer mentor and on-the-job training are designed to provide the student with “real-world” applications of their learning.

After appropriate training, youth apprentices become productive employees of the facility contributing to the bottom line of the company and its overall efficiency.

In Cooperation with the  
Wisconsin Department of Public Instruction



### For more information about IT Youth Apprenticeship CONTACT:

- Your local high school YA Coordinator or Guidance Counselor!
- **OR** to find a local contact for your area, visit the Wisconsin Department of Workforce Development Youth Apprenticeship web site at

<http://dwd.wisconsin.gov/youthapprenticeship/>

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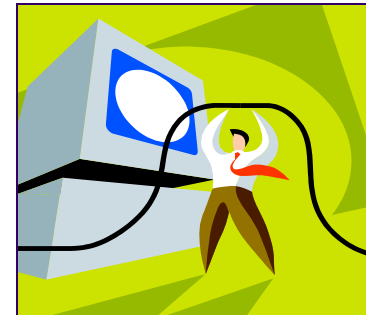
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### STATE OF WISCONSIN DEPARTMENT OF WORKFORCE DEVELOPMENT



Programming Wisconsin's future!



# Opportunities in Information Technology (IT)!



The information technology (IT) industry is among the economy's largest and fastest sources of employment growth. U.S.-based companies will be looking to employ workers to serve both U.S. and global markets.

The IT career cluster involves careers in the design, development, support, and management of hardware, software, multimedia, and systems integration. IT employees need to possess strong problem solving and customer service skills. Therefore, the IT Youth Apprenticeship (YA) program was structured to require **INDUSTRY-WIDE FOUNDATIONAL SKILLS** and **INDUSTRY-SPECIFIC TECHNICAL SKILLS**.

This YA occupational area focuses on all of the pathways within the Information Technology (IT) industry and is applicable for a student who has expressed an interest in an IT, computer, web/Internet, computer design, and/or programming career.

## Where can I work?

IT functions are universal in all types of business and industries. Worksites for IT YA can be chosen from any type of business with an IT Department or functional component that can train the required competencies.

## What will I learn?

IT YA students are required to perform all of the Core Employability and Safety & Security skills at the worksite. In addition, all IT YA students will focus on acquiring basic skills pertinent to understanding and working with computers in the first year.

In the second year, IT YA students complete competencies in an area of specialization depending on their worksite placement and area of interest. The **Hardware** unit is appropriate for students who like problem solving while learning more deeply about communication systems between computer components to meet business needs. The **Software** unit provides opportunities to work with and manipulate the data that is managed by IT systems, as well as, work with professionals to evaluate and customize programming to meet business needs. The **Web & Digital Media** unit allows students who are interested in computers to combine their strong interests in design and creativity to work on web pages developing content, design, and scripts for business purposes.



## What are the specific IT YA Pathway units?

### Year One- BASICS

(ALL IT YA Students)

- IT Essentials Unit

### Year Two- SPECIALIZE

(Choose One)

- Hardware Unit
- Software Unit
- Web & Digital Media Unit

The IT YA curriculum is aligned with the National States' Career Cluster Knowledge and Skill statements for Information Technology

