

## About CIW

CIW is the world's premier vendor-neutral IT and Web technology education and certification program. Since 1997, CIW has trained more than 1 million students and professionals, and has awarded more than 210,000 professional IT certifications through thousands of universities, colleges, high schools, middle schools, learning centers and corporations worldwide. The CIW core curriculum focuses on the foundational standards and job skills that enable the Internet to function, including Web design, development, security, administration, networking and databases.

CIW certifications verify that certified individuals have the job skills necessary to master a technology-driven world. In today's competitive workplace, certified CIW professionals have proven abilities that set them apart from other Web professionals. CIW certifications verify that certified individuals have the job skills necessary to master a technology-driven world. In the 2016 IT Skills and Salary Report produced from Global Knowledge and Windows IT Pro, more than 14,000 IT and business professionals responded to the salary survey. From the survey, the mean salary average of those professionals who have earned a CIW certification ranged from \$65,556-\$111,314, depending on the CIW certification.



## ICT Fundamentals

Changing lives and careers.  
One certification at a time.

# ICT Fundamentals Overview

The ICT Fundamentals course focuses on introductory Digital Tool literacy. This course combines 4 of our ICT Essentials courses in order to provide students with a complete foundational understanding of digital literacy. In this courses, students will encounter lessons from the following 4 disciplines:

Computing Fundamentals  
Communication Fundamentals  
Application Fundamentals  
Cybersecurity Fundamentals

With these foundational skills covered by the course, ICT Fundamentals opens the door for students that are looking to improve their digital literacy and helps to lead them to achieving industry - recognized IT certifications in the future.

## Computing Fundamentals



- Explain computing functions, systems and devices.
- Explain networking types and uses at home, school and work.

## Communications Fundamentals



- Explain how the Internet functions to enable communications.
- Explain how Web browsers and Search engines function.
- Demonstrate effective and appropriate communication technology.

## Application Fundamentals



- Describe the appropriate purpose of various applications used in cloud computing or physical location implementation.
- Explain how to use various word processing application features.
- Explain how to use various spreadsheet features.

## Cybersecurity Fundamentals



- Describe Internet safety practices and risks associated with the Internet.
- Identify ethical and legal issues related to Internet content.
- Describe security issues and how to secure various devices.