



**CISCO IT  
Essentials**  
(PC software/hardware)  
maintenance and network

WASTC 2018 ICT Faculty Development Weeks

## **IT Essentials - Instructor Training**

**Dates: In Person, June 18 - 22, 2018 @ Coastline Community College, Garden Grove CA.**

**Target Audience:** Anyone who would like to be able to teach IT-Essentials using the Cisco Academy Netacad. Or anyone interested in learning more about CompTIA A+ topics.

**IT Essentials:** PC Hardware and Software V6 curriculum provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The curriculum covers the fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional.

The curriculum includes the following features:

- Students develop working knowledge of how computers operate, how to assemble computers, and how to troubleshoot hardware and software issues.
- Hands-on labs and virtual learning tools help students develop critical thinking and complex problem-solving skills.
- The course emphasizes the practical application of skills and procedures needed to install and upgrade hardware and software and troubleshoot systems.
- Cisco Packet Tracer simulation-based learning activities allow students to experiment with network designs and configurations.
- Interactive assessments provide immediate feedback to support the evaluation of acquired knowledge and skills.

The IT Essentials (ITE) curriculum emphasizes practical experience to help students develop fundamental computer and career skills. ITE helps students prepare for entry-level career opportunities in ICT and the CompTIA A+ certification. The course also provides a learning pathway to Cisco CCNA.



**Instructor:** Sharon Hain has been teaching ITE courses since the late 1990's. She implemented her high school program with the help of local businesses and her school district. Her program included soliciting donated computers from businesses and the community, which were refurbished and donated to schools and non-profit organizations. Sharon included participation in Skills USA, a career and technical student organization, where she achieved much success. Many of Sharon's students have gone on to successful IT careers, one even teaching with her at a community college. Having taught college and high school courses, Sharon knows many best practices to implement with high school or community college students.

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