



# Priority Standards

## Information Technology Career Cluster Standards – Grades 9-12

The table below identifies the cluster standards specific to the Information Technology Career Cluster – the collection of Web & Digital Communications Pathway courses. These are the skills students are expected to acquire as they complete courses in this pathway.

Priority Standards	Description
IT 1	Demonstrate effective professional communication skills and practices that enable positive customer relationships.
IT 2	Use product or service design processes and guidelines to produce a quality information technology (IT) product or service.
IT 3	Demonstrate the use of cross-functional teams in achieving IT project goals.
IT 4	Demonstrate positive cyber citizenry by applying industry accepted ethical practices and behaviors.
IT 5	Explain the implications of IT on business development.
IT 6	Describe trends in emerging and evolving computer technologies and their influence on IT practices.
IT 7	Perform standard computer backup and restore procedures to protect IT information.
IT 8	Recognize and analyze potential IT security threats to develop and maintain security requirements.
IT 9	Describe quality assurance practices and methods employed in producing and providing quality IT products and services.
IT 10	Describe the use of computer forensics to prevent and solve information technology crimes and security breaches.
IT 11	Demonstrate knowledge of the hardware components associated with information systems.
IT 12	Demonstrate knowledge of the hardware components associated with information systems.
IT-WD 1	Analyze customer requirements to design and develop a web or digital communication product.
IT-WD 2	Apply the design and development process to produce user-focused web and digital communications solutions.
IT-WD 3	Write product specifications that define the scope of work aligned to customer requirements.

Priority Standards	Description
IT-WD 4	Demonstrate the effective use of tools for digital communication production, development and project management.
IT-WD 5	Develop, administer and maintain web applications.
IT-WD 6	Design, create and publish a digital communication product based on customer needs.
IT-WD 7	Evaluate the functionality of a digital communication product using industry accepted techniques and metrics.
IT-WD 8	Implement quality assurance processes to deliver quality digital communication products and services.
IT-WD 9	Perform maintenance and customer support functions for digital communication products.
IT-WD 10	Comply with intellectual property laws, copyright laws and ethical practices when creating web/digital communications