



# 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 Programming & Software Development 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	Compare key functions and applications of software and determine maintenance strategies for computer systems.