

WDT Core Ability	Program Learning Outcomes
Life Skills	Students will be able to: <ul style="list-style-type: none"> • Demonstrate personal wellness by recognizing appropriate work/life balance needs, modeling responsibility for own behavior and relating personal values and goals to working in the computer science field.
Analytic Techniques	Students will be able to: <ul style="list-style-type: none"> • Apply critical thinking in the computer science field by identifying PC or server system requirements, applying appropriate troubleshooting techniques, and resolving errors.
Communication Skills	Students will be able to: <ul style="list-style-type: none"> • Conduct professional verbal and written communication by relating information to others at appropriate technical level and displaying active listening skills.
Technology Skills	Students will be able to: <ul style="list-style-type: none"> • Demonstrate ability to install or upgrade, configure, troubleshoot, maintain, and repair PC and Server hardware. (<i>Preparation for CompTIA A+ certification exam</i>) • Demonstrate Windows OS and Windows Server, and Linux OS/Server operating system installation and configuration, Active Directory configuration, system administration, TCP/IP, DNS, WINS, DHCP, general scripting, WDS/PXE, File Server, domain controller, Intranet, Syslog, WSUS and MS Exchange on standalone system or using virtualization solution. (<i>Preparation for MCSA or MCSE Certificate</i>) • Uses database creation, design, manipulation, general scripting, and the Structured Query Language (SQL). • Analyze the security risks of a network and design options to mitigate those vulnerabilities using switching technology, firewalls, network security, endpoint security and access control lists on LAN network. • Summarizes the progression of data through a typical network, explaining the function of each networking devices or network services (Routers, Switches, Cables, Firewalls, DMZ, OSI Model, Internet Protocol (IP) addressing, wireless and security configurations, LAN, and WAN) in sequence using a working model.
Teamwork Techniques	Students will be able to: <ul style="list-style-type: none"> • Collaborate as a team member to complete tasks, solve problems and resolve conflicts.
Social Values	Students will be able to: <ul style="list-style-type: none"> • Exhibit an awareness of diversity in the technology field by working collaboratively with people of diverse backgrounds and identify the needs of clients based on backgrounds/cultures.
Employability	Students will be able to: <ul style="list-style-type: none"> • Exhibit essential employability qualities by displaying the knowledge, skills and professionalism necessary to gain employment in the Technology field.