

# Project: Cybersecurity Fundamentals

## Securing the PC

Success Criteria	Specifications
The student is able to recommend an industry security baseline and justify the choice	<ul style="list-style-type: none"><li>• Student will answer ALL questions asked in the Baseline section. This includes:<ol style="list-style-type: none"><li>1. Students will recommend the industry standard and baseline</li><li>2. Students will provide an explanation for their choices.</li></ol></li></ul>
The student is able to secure a Windows 10 PC following a security baseline.	Students will choose 3 from the 5 security areas provided in the System and Security section. Answer ALL questions and provide screenshots as asked in the areas they choose.

## Securing Applications

Success Criteria	Specifications
The student is able to identify applications running on the sample computer, remove unwanted applications, and identify vulnerabilities and risks associated	<p>Student will answer ALL questions and provide screenshots in the Remove unneeded or unwanted applications, Default browser and Windows Services sections.</p> <ul style="list-style-type: none"><li>• Identify at least 3 applications that are violated the policies</li><li>• Take steps to uninstall unwanted applications</li><li>• List at least 3 vulnerabilities and risks associated with unnecessary applications</li><li>• Identify and change default browser</li><li>• List at least 2 vulnerabilities and risks associated with IE browser</li><li>• Turn IE browser and web services off</li></ul>
The student is able to identify patching and updates of PC and applications and make setting changes	<p>Student will answer ALL questions and provide screenshots in the Patching and updates section.</p> <ul style="list-style-type: none"><li>• Update PC to the latest version and provide a screenshot</li><li>• List at least two applications on the PC that are out of date</li><li>• Update applications with screenshots</li></ul>

## Securing Files and Folders

Success Criteria	Specifications
The student is able to identify the access of files and secure files	<p>Student will answer ALL questions and provide screenshots in section. This include:</p> <ul style="list-style-type: none"> <li>• Identify who has access to files and make changes based on the scenario given.</li> <li>• Encrypt files with password</li> <li>• Identify the security principle followed</li> <li>• Setting share folders</li> </ul>

## Optional: Basic Computer Forensics (Advanced)

Success Criteria	Specifications
The student is able to locate suspicious files in PC	Student will locate suspicious files by looking through unwanted users' folder