

Practical Technology: Cyber / Hack II

In this assignment, students will research the current cyber/hacking trends that have recently revolved as a result of COVID-19 and the increase in remote/virtual activity among private and public sectors. For the assignment, students will be introduced to the TOR browser, and gain an understanding of the difference between the “surface web” and “deep/dark web”. Students will utilize TOR in their research.

Part 1. **Due Tuesday, April 7th:**

- Students download the TOR browser onto their computers:
<https://www.torproject.org/download/>
- Students will be ready to define TOR and the difference between surface and deep/web.
- Students will locate 3 articles describing a current hacking activity as it relates to the present COVID-19 social climate.
- Students should be prepared to discuss these materials during class.

Part 2. **Due Thursday, April 9th:**

- Students will submit to their ePortfolio and Google folder a brief informal statement describing the cyber/hack activities in which the articles discuss. In the statement, students should use the key question words: who, what, when, where, why, and how and provide an opinionated response. This material will be discussed during class.

Part 3. **Due Thursday, April 30th:** Final Project: Qualitative & quantitative research project.

- Having gained an understanding of cyber/hacking activity, students will develop a mixed-methods research project that will culminate with a written report and presentation.
- Students may work independently or in teams. We will discuss this further in class.

Examples: Article resources.

<https://cyware.com/cyber-security-news-articles>

<https://www.forbes.com/sites/daveywinder/2020/03/27/hacker-threat-google-confirms-40000-nation-state-cyber-attack-warnings-issued/#6fa3617a3b71>

<https://tech.newstatesman.com/security/who-cyber-attack-covid19>

<https://www.forbes.com/sites/zakdoffman/2020/03/21/putins-secret-intelligence-agency-hacked-dangerous-new-cyber-weapons-target-your-devices/#32f43bf4778a>