

SFWRTECH 4NS3 – Advanced Cyber Security Video Project

Objectives and Parameters

There will be two (2) video projects this term. Project partners and topics will be randomly assigned for each project, or a self-selected topic that is approved. You are expected to make a video presentation that is strictly between 3-5 minutes in length for your topic. It is important for you to plan accordingly.

Depending on the topic, the presentation may involve a demonstration, an explanation, problem-solving, troubleshooting, or something similar as appropriate. You and your project partner will need to contribute roughly equal voiceover time; it will be up to you to decide how to divide your responsibilities. A progress report must be submitted by the specified due date halfway through the project's timeline.

The format/style of your video presentation may vary depending on the topic and what you choose to do. It must be narrated with a voiceover throughout the presentation, but it could be a screen recording, a slideshow with annotations/markup, a whiteboard session, or even a selfie video with an appropriate use of annotations, narration, and props or other tools. Recording could be performed using Zoom, Microsoft Teams, OBS Studio, a webcam, or even a cell phone.

While it is important to have clear video and audio, you are not expected to have or develop expert-level multimedia editing skills for the purpose of these projects. You are not expected to compile anything remotely approaching a "Hollywood" level of production quality, animations, or graphics; it just needs to be reasonable and meet the requirements of the rubric.

Once completed, you will need to upload your video presentation to MacVideo (<https://www.macvideo.ca/>). Please ensure that you have access to this platform via your MacID well in advance of any due dates. There is a comprehensive knowledgebase under the "Help and Support" menu with many FAQs answered to familiarize you with this platform. You should not submit any slide decks or other materials separately (e.g. by email).

You will subsequently submit the video presentation via an Avenue to Learn Assignment dropbox in which you will **embed your video** from MacVideo, representing the final submission for grading. **Please remember to review and edit the auto-generated captions to ensure accuracy, prior to submission in Avenue to Learn.**

You are expected to jointly establish, document, and adhere to a clear protocol for communications (e.g. method and frequency of contact). Include this in your progress report. Communicate and collaborate with your project partner regularly and consistently to work toward the successful completion of the project. If you experience any issues, please contact me as soon as possible. Groups larger than 2 members will not be permitted, but working independently will be permitted under exceptional circumstances (e.g. odd number of students in class or irreconcilable issues in the randomly-assigned partnership).

At the end of the term, your completed video presentations could be published and added to your portfolio!

Rubric

This rubric is designed to provide you with guidance on the expectations for each core aspect of the video project. For each aspect you will receive between 0 and 3 points based on how well the criteria are met, for a total of 20 points at a maximum. Each project correlates to 10% of your **unofficial** final grade.

	0 – Unsatisfactory	1 – Needs Improvement	2 – Fair	3 – Good
Progress Report	None submitted	The progress report submitted was substantially incomplete and lacked clear information about the work performed to date or what remains to be completed prior to the submission deadline; or the progress report was submitted late	The progress report submitted was partially incomplete or did not contain sufficient details in one or more of the expected parameters	<p>The progress report submitted was complete with a title page, listing:</p> <ul style="list-style-type: none"> - Your project topic - You and your partner’s full names and MacID usernames - Date of submission - Course code and title <p>And using headings and subheadings to organize the following content:</p> <ul style="list-style-type: none"> - Details of the work completed to date - A list of tasks including specifying who is responsible for completing each item - Notes regarding the challenges or setbacks encountered thus far - A clear indication of the work that remains to be completed - An expected date of completion for each task - Your group’s communications protocol
Content & Comprehension	No submission	The information and concepts presented were incomplete, erroneous, or an inadequate understanding of the topic is evident	The information and concepts presented were substantially correct and complete with only a few errors or omissions	The information and concepts were complete, accurate, and confidently communicated, and a clear understanding of the topic is evident

Accuracy of Terminology	No submission	Very little of the relevant or appropriate technical terminology was used, it was frequently used incorrectly, or significant errors were made	Some of the relevant or appropriate technical terminology was not used or was used incorrectly	Use of technical terminology was precise, accurate, and appropriate for the topic
Presentation Quality	No submission	The video, graphics, and/or audio quality is poor; video is unsteady, poorly lit, or out of focus, graphics are a very low resolution or difficult to see, or audio is difficult to hear/noisy; length of the video was far too short or too long	Most of the video, graphics, and audio quality is adequate with some minor issues or inconsistency in quality; length of the video was a bit short or long	The stability and quality of the video, graphics, and audio are good, with sufficient lighting (if applicable), resolution, and no extraneous noise in the background; length of the video was appropriate
Participation	No submission	Only one member presented	One member appeared to do most of the work	All members contributed equally, including the voiceover work
English Captions	None provided	Captions are: - Often inaccurate or missing - Not synchronized to audio - Not readable - Blocking important content in the video	Captions are: - Occasionally inaccurate or missing - Sometimes not synchronized to audio - Intermittently difficult to read - Typically not blocking important content in the video	Captions are: - Not hard-coded - Complete and accurate - Synchronized to audio - Readable - Not blocking important content in the video
Citations	None provided or copyrighted material used inappropriately	Citations are unclear or incomplete	Sources used are clearly identified, attributed through proper citations	Not applicable (only graded between 0-2 points)

Evaluation

For each video project:

- You will have 4 weeks to complete and submit it from the time that project partners and topics are randomly assigned
- A progress report must be submitted at the 2-week mark
 - The progress report will be graded according to the first row in the rubric, out of a maximum of 3 points
- You and your project partner are jointly responsible for ensuring that all submissions are made via Avenue to Learn in an Assignment dropbox (the due dates will be communicated in Avenue to Learn)
- It will be graded according to the rubric above, out of a maximum of 20 points
- Partners will receive the same project grade unless someone fails to collaborate or contribute
- Repeated submissions are permitted within a reasonable timeframe
- For the unofficial grade: Excellent: 18-20 points out of 20; Satisfactory: 14 to <18 points out of 20; Unsatisfactory: <14 points out of 20