

Attempt 1

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CprE 4300/5300



530 Project Final Submission

General Information

Your final submission is graded in two parts: a final report and the interactive deliverables. The final report will summarize your project, reflect on your development process, state your learning outcomes, and document the research you've conducted alongside the sources you've used.

The main goal of the Final Report is to discuss the project's significance and contribution of valuable insights to the audience and network security knowledge. It evaluates the project against proposed outcomes and learning goals from the Project Proposal while also allowing reflection on the overall development and potential for further research.

The Final Deliverables section assesses presentation and delivery, considering creativity, interactivity, adherence to criteria, and effective use of design principles and technology. Technical components are evaluated for functionality, proficiency in network security skills, and communication effectiveness. Comprehensive documentation, including instructions and sources, is also required for the deliverables.

Remember, the goal is to deepen your understanding of the subject matter and produce a final deliverable that can contribute to the knowledge base of the wider community and potentially create something that may be useful for others in the field of network security.

⚠ Important note regarding the template:

All registered ISU students can access and download the Microsoft Office Suite for Windows OS or MacOS, or access it remotely through a campus computer. MS Word documents can be saved/exported as a PDF, which is required when submitting the provided templates. Visit the [FAQs page](#) (<https://canvas.iastate.edu/courses/119607/pages/frequently-asked-questions-2>) for more information.

Acceptable File Formats:

File uploads to Canvas are restricted. If you need to submit a file containing an extension not being accepted or described in the list below, please immediately email your TA for assistance.

- Do not submit compressed or zipped formats (e.g., .zip, .gz, .tar, .rar, .7z). If you need to [submit multiple files](#) (<https://canvas.iastate.edu/courses/119607/pages/frequently-asked-questions#AssignQ8>), use the "+ Add Another File" button before hitting submit.
- Text-based documents:
 - Submit PDFs only.
- Video files:
 - Use MP4 or MOV (QuickTime) formats.

- Most video editing applications offer export options in these two formats.
- Even if you intend to upload your files to a video hosting platform like YouTube, you must include a copy of the video file(s) in the Canvas submission.
- Audio files:
 - Use MP3 or WAV formats.
 - Most audio editing applications offer export options in these two formats.
- Code files:
 - All main coding files must be submitted in plain text format, with the file extension '.txt', or as part of the report PDF Appendix. That is, change the ".c", ".py", ".html", etc., file extensions to ".txt" (e.g., myCodeFile.c -> myCodeFile.txt).
 - If your submission includes multiple small classes, you can merge them into one file. If you choose to consolidate, please note this in your report.
 - You may also include a link to your repository *in addition to the plain text version of your code*.
 - Do not submit screenshots of your code, except if using it as a referenced figure in the report to highlight a specific (small) section of the code.
 - Auxiliary and other supporting files (e.g., configs, scripts, assets, etc.) required for code execution should be submitted through a **publicly accessible** link to a GitLab/GitHub repository or cloud storage. All ISU students have access to [CyBox](https://iastate.box.com/) (<https://iastate.box.com/>) and [MS OneDrive](https://iowastate-my.sharepoint.com/) (<https://iowastate-my.sharepoint.com/>); depending on your current student status, you may have access to upload project files to the [ISU ECpE's Git Repository](https://git.ece.iastate.edu/users/sign_in) (https://git.ece.iastate.edu/users/sign_in).
- Physical components:
 - Required: If your project includes physical components, such as a board game, please contact your TA(s) before the due date to discuss what components need to be submitted and determine the best submission method.

General Reminders:

- The [**Project Information & Discussion Board**](#) ([\\$CANVAS OBJECT REFERENCE\\$/discussion_topics/gdbc8fe85fde6ca8ec3218f466c1dc2a](#)) has detailed information, the required template, and project examples. It is also available as a platform for general questions and project-related discussions.
- *This component will not be graded unless the project proposal has been submitted and approved.*
- **Follow copyright laws and licensing requirements;** all submissions, including any images, audio, or other media, must comply with copyright laws. You are responsible for ensuring their use of such materials is legal and properly cited.
- [Reflection](#) (<https://canvas.iastate.edu/courses/119607/pages/frequently-asked-questions-2?panel=3#LabGenQ1>) - You can use the lab reflection information to help you formulate your project reflections.
- [**Writing Mechanics & Sufficient Detail**](#) (<https://canvas.iastate.edu/courses/119607/pages/frequently-asked-questions#AssignQ1>) - This information can help you understand some of the writing requirements we're looking for in your reports.
- Remove the placeholder text and the angle brackets from the template before submitting your proposal, i.e., items that look like '<instructions>' should be removed.
- Sources must be cited appropriately; please use IEEE-style citations.

Submission Reminders:

- Review the Project Information & Discussion Board and proposal rubric before submission. Missing or incorrect information will result in a lower score and may require resubmission.
- Submit the provided template as a PDF and all files pertaining to your project, including all relevant files or documents that are part of the created content. If you mention any items in the PDF, then we expect all of those items somewhere in your submission materials.
- All URLs need to be active and lead directly to the intended content; please double-check any included hyperlinks are working.
- All submitted files must be accessible to receive credit. After submitting on Canvas, please revisit the assignment page to download and check the files you submitted to make sure they can be opened and are not corrupt. Resubmissions after the deadline will not be accepted.
- The 24-hour late assignment policy does not apply to 530-only assignments; **late submissions will receive zero points**, but submission for topic approval is still required.

Partner Reminders:

If you are working with partners, only one project proposal must be submitted; however, the breakdown of which tasks each member will be responsible for completing should be outlined in detail.

- the project must be expanded in size and scope to reflect the workload of two individual projects
- breakdown of which tasks each member will be responsible for completing should be outlined in detail
- each student's work on the project must include some aspect of network security, i.e., students cannot simply divide the project where one student does all the research and another only writes code to develop a game
- the workload between partners should be roughly equal (realistically, we know it is not feasible to be exactly equal, but there should be no more than a 10% difference in effort and contributions between partners)
- only one person needs to submit the PDF to Canvas

Canvas tools available for partners:

- [Collaborations as a Student](https://community.canvaslms.com/t5/Student-Guide/How-do-I-create-a-Microsoft-Office-365-collaboration-as-a-ta-p/390) (https://community.canvaslms.com/t5/Student-Guide/How-do-I-create-a-Microsoft-Office-365-collaboration-as-a-ta-p/390)

Note: Some browser plugins, such as MalwareBytes, may block the sign-in to Microsoft. You may need to turn off these plugins to sign in temporarily.

- [Uploading files](https://community.canvaslms.com/t5/Student-Guide/How-do-I-upload-a-file-to-a-group/ta-p/278) (https://community.canvaslms.com/t5/Student-Guide/How-do-I-upload-a-file-to-a-group/ta-p/278) to a group and [viewing](https://community.canvaslms.com/t5/Student-Guide/How-do-I-view-my-user-files-as-a-student/ta-p/483) (https://community.canvaslms.com/t5/Student-Guide/How-do-I-view-my-user-files-as-a-student/ta-p/483) Canvas files
- [Group discussions](https://community.canvaslms.com/t5/Student-Guide/How-do-I-create-a-discussion-in-a-group/ta-p/350) (https://community.canvaslms.com/t5/Student-Guide/How-do-I-create-a-discussion-in-a-group/ta-p/350) in Canvas

Academic Honesty:

The project should genuinely represent your work, ideas, and research. Avoid presenting someone else's work or ideas as your own, and refrain from using copyrighted materials without permission. For any third-party images, files, components, or resources utilized in your project, you must have the necessary permissions and licenses, adhere to licensing requirements, and provide proper attribution to the original creators.

Academic honesty, ethical conduct, and respect for the intellectual property of others are expected among all ISU students. Plagiarism and copyright infringement are strictly prohibited. At a minimum, violating these expectations will result in a zero for the entire 530 project (all 150 points). Please review the syllabus for more information about academic dishonesty.

Template Information

We've provided more detailed information that will hopefully make filling out the [project final submission template](https://canvas.iastate.edu/courses/119607/files/32061672/download?download_frd=1) (https://canvas.iastate.edu/courses/119607/files/32061672/download?download_frd=1) for your project a bit easier.

Project Content Section

What to include in the Project Content Section

For this section, you should include all the necessary project documents, similar to what you did for the [Research & Content Development Submission](https://canvas.iastate.edu/courses/119607/assignments/2645402) (https://canvas.iastate.edu/courses/119607/assignments/2645402), but only include final drafts of the materials. Review the table in that assignment and the [Project Information & Discussion Board \(\\$CANVAS OBJECT REFERENCE\\$/discussion_topics/gdcbc8fe85fde6ca8ec3218f466c1dc2a\)](#) for a reminder of what items we expect in your submission.

Likely, a lot of material will be included, so you may want to have the content at the end of the template or as a separate file upload. Either way, please make sure you include information about all your materials. If you are still uncertain about

what specific materials or content should be included, contact your TA(s) for clarification and guidance.

Common Mistakes & Misconceptions

Here are some areas where students commonly lose points or misunderstand what is expected for submission.

- Final submission excludes changes or modifications mentioned in the feedback provided in prior submissions.
The project is divided into stages to provide multiple opportunities for feedback; you need to address or incorporate it in subsequent submissions. If you have questions or concerns about the feedback provided or believe the feedback is not feasible, contact your TA(s) before the due date to discuss the situation.
- Not submitting code files or submitting with incorrect file extensions
All main coding files must be submitted in plain text format, with the file extension '.txt', or as part of the final report PDF Appendix. Auxiliary and supporting files (e.g., configs, scripts, assets, etc.) required for code execution should be submitted through a **publicly accessible** link to a GitLab/GitHub repository or cloud storage. This link may contain the main code as well, but the main code must be submitted via Canvas.
Remember, if you have questions regarding submission expectations, contact your TA(s) before the deadline to obtain more information or clarifications.

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[Home \(<https://canvas.iastate.edu/courses/106253>\)](#)

▼ View Rubric

530 Project Final Submission Rubric (1)

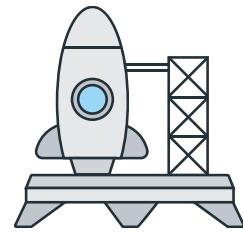
Criteria	Ratings	Pts
Project Impact view longer description		/ 4 pts
Project Evaluation & Outcomes view longer description		/ 4 pts
Skills & Knowledge Gained view longer description		/ 4 pts
Lessons Learned view longer description		/ 4 pts
Future Impact view longer description		/ 4 pts
Deliverable(s) view longer description		/ 12 pts
User Experience view longer description		/ 10 pts
Documentation view longer description		/ 4 pts
Organization, Clarity, & Mechanics view longer description		/ 4 pts

Total Points: 0



Keep in mind, this submission will count for everyone in your Project Groups group.

Choose a submission type



Drag a file here, or

Choose a file to upload

File permitted: PDF, TXT, MOV, MP3, MP4, WAV,
PPTX

or

Canvas Files

I agree to the tool's [End-User License Agreement](https://iastate.turnitin.com/integrations/cpf/eula/iastate) (<https://iastate.turnitin.com/integrations/cpf/eula/iastate>)

This assignment submission is my own, original work

*

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