Deliverables / Requirements for a Senior Project

1. Join the discord server. The invitation link is <https://discord.gg/yXtEt6Z>
2. Watch the overview video under major documents.
3. Students may either create a project of their own or select one from a preapproved list.  
   If the students wish to create their own projects they must be approved by Prof. Jeff Salvage. Students should email the abstract to [jks29@drexel.edu](mailto:jks29@drexel.edu).

1. Determine the domain of your project from the follows:

1. Corporate Sponsored
2. Humanitarian
3. Entrepreneurial
4. Gaming
5. Research-Oriented
6. Some form of Security / IT Category or categories

A,B,C) Deliverables for Corporate Sponsored / Humanitarian / Entrepreneurial projects:

1. Students should meet with their stakeholders on a schedule agreed upon with the faculty adviser and stakeholder.
2. Template-driven one-page website
3. Formal Requirements Document or detailed series of interactive prototypes
4. Formal Design Document
5. Formal Acceptance Test Plan
6. Quarterly 30 minute presentation
7. Final poster suitable for a presentation

D) Deliverables for a Game

1. Template-driven one-page website
2. Formal Requirements Document the Game Development Doc (Note that we have them do double work creating a separate SRS. I’ve been asking them just to modify the GDD so that it has what we need and that’s worked well)
3. Formal Design Document
4. Formal Acceptance Test Plan
5. Quarterly 30 minute presentation
6. Final poster suitable for a presentation

E) Deliverables for a Research Project

1. Select a faculty research advisor who agrees to oversee the research for all three terms.
2. Select a research committee consisting of at least 2 people (this includes the advisor).
3. End of the first quarter is a thesis proposal including background, literature review and initial research presented to the committee.
4. End of the second quarter is the completion of a significant part of the research summarized in a report to the committee
5. End of third quarter is a completed thesis document (due a tleast 2 weeks prior to the end of the term if not earlier) culminating in a thesis defense by the committee. Thesis defense is a 30 minute presentation open to the public followed by first general questions followed by the audience and second questions by the and second questions by the committee. For committee questions, audience members not on the committee must leave.
6. Final Poster presentation for possible inclusion in final celebration / announcement of CCI Showcase winners.

F.1) Deliverables for a Computing Technology Project

1. Research a computing technology and submit findings
2. Build an instance of that computing technology
3. Write documentation on how the components on that technology instance were built
4. Write report on how to verify that the technology is working properly
5. Conduct a tests or experiments on the components
6. Report on the findings from the tests or experiments
7. Redesign or add on to the technology instance as time permits

F.2) Deliverables for a Cybersecurity Project

1. Determine scope of cybersecurity project whether it is a pentesting project, a cyber-data focused project, a security-testing project or another type of security project.
2. Write cybersecurity testing plan to include rules of engagement, data sources to be used, stakeholders, tools to be used, privacy of results, protections in place, and expected uses of results
3. Conduct cybersecurity testing
4. Report on the cybersecurity testing results
5. Provide security recommendations based on results
6. Expand scope of cybersecurity project if time permits